

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	OH	OH	SMe
amino acid	acyl	OH	OH	SEt
amino acid	acyl	OH	OH	S-cyclopropyl
amino acid	acyl	OH	OH	F
amino acid	acyl	OH	OH	Cl
amino acid	acyl	OH	OH	Br
amino acid	acyl	OH	OH	I
acyl	H	H	OH	H
acyl	H	H	OH	NH <sub>2</sub>
acyl	H	H	OH	NH-cyclopropyl
acyl	H	H	OH	NH-methyl
acyl	H	H	OH	NH-ethyl
acyl	H	H	OH	NH-acetyl
acyl	H	H	OH	OH
acyl	H	H	OH	OMe
acyl	H	H	OH	OEt
acyl	H	H	OH	O-cyclopropyl
acyl	H	H	OH	O-acetyl
acyl	H	H	OH	SH
acyl	H	H	OH	SMe
acyl	H	H	OH	SEt
acyl	H	H	OH	S-cyclopropyl
acyl	H	H	OH	F
acyl	H	H	OH	Cl
acyl	H	H	OH	Br
acyl	H	H	OH	I
acyl	acyl	H	OH	H
acyl	acyl	H	OH	NH <sub>2</sub>
acyl	acyl	H	OH	NH-cyclopropyl
acyl	acyl	H	OH	NH-methyl
acyl	acyl	H	OH	NH-ethyl
acyl	acyl	H	OH	NH-acetyl
acyl	acyl	H	OH	OH
acyl	acyl	H	OH	OMe
acyl	acyl	H	OH	OEt
acyl	acyl	H	OH	O-cyclopropyl
acyl	acyl	H	OH	O-acetyl
acyl	acyl	H	OH	SH
acyl	acyl	H	OH	SMe
acyl	acyl	H	OH	SEt
acyl	acyl	H	OH	S-cyclopropyl
acyl	acyl	H	OH	F
acyl	acyl	H	OH	Cl
acyl	acyl	H	OH	Br
acyl	acyl	H	OH	I
acyl	amino acid	H	OH	H
acyl	amino acid	H	OH	NH <sub>2</sub>

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	H	OH	NH-cyclopropyl
acyl	amino acid	H	OH	NH-methyl
acyl	amino acid	H	OH	NH-ethyl
acyl	amino acid	H	OH	NH-acetyl
acyl	amino acid	H	OH	OH
acyl	amino acid	H	OH	OMe
acyl	amino acid	H	OH	OEt
acyl	amino acid	H	OH	O-cyclopropyl
acyl	amino acid	H	OH	O-acetyl
acyl	amino acid	H	OH	SH
acyl	amino acid	H	OH	SMe
acyl	amino acid	H	OH	SEt
acyl	amino acid	H	OH	S-cyclopropyl
acyl	amino acid	H	OH	F
acyl	amino acid	H	OH	Cl
acyl	amino acid	H	OH	Br
acyl	amino acid	H	OH	I
H	acyl	H	OH	H
H	acyl	H	OH	NH <sub>2</sub>
H	acyl	H	OH	NH-cyclopropyl
H	acyl	H	OH	NH-methyl
H	acyl	H	OH	NH-ethyl
H	acyl	H	OH	NH-acetyl
H	acyl	H	OH	OH
H	acyl	H	OH	OMe
H	acyl	H	OH	OEt
H	acyl	H	OH	O-cyclopropyl
H	acyl	H	OH	O-acetyl
H	acyl	H	OH	SH
H	acyl	H	OH	SMe
H	acyl	H	OH	SEt
H	acyl	H	OH	S-cyclopropyl
H	acyl	H	OH	F
H	acyl	H	OH	Cl
H	acyl	H	OH	Br
H	acyl	H	OH	I
H	amino acid	H	OH	H
H	amino acid	H	OH	NH <sub>2</sub>
H	amino acid	H	OH	NH-cyclopropyl
H	amino acid	H	OH	NH-methyl
H	amino acid	H	OH	NH-ethyl
H	amino acid	H	OH	NH-acetyl
H	amino acid	H	OH	OH
H	amino acid	H	OH	OMe
H	amino acid	H	OH	OEt
H	amino acid	H	OH	O-cyclopropyl
H	amino acid	H	OH	O-acetyl



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	H	OH	SH
H	amino acid	H	OH	SMe
H	amino acid	H	OH	SEt
H	amino acid	H	OH	S-cyclopropyl
H	amino acid	H	OH	F
H	amino acid	H	OH	Cl
H	amino acid	H	OH	Br
H	amino acid	H	OH	I
amino acid	amino acid	H	OH	H
amino acid	amino acid	H	OH	NH <sub>2</sub>
amino acid	amino acid	H	OH	NH-cyclopropyl
amino acid	amino acid	H	OH	NH-methyl
amino acid	amino acid	H	OH	NH-ethyl
amino acid	amino acid	H	OH	NH-acetyl
amino acid	amino acid	H	OH	OH
amino acid	amino acid	H	OH	OMe
amino acid	amino acid	H	OH	OEt
amino acid	amino acid	H	OH	O-cyclopropyl
amino acid	amino acid	H	OH	O-acetyl
amino acid	amino acid	H	OH	SH
amino acid	amino acid	H	OH	SMe
amino acid	amino acid	H	OH	SEt
amino acid	amino acid	H	OH	S-cyclopropyl
amino acid	amino acid	H	OH	F
amino acid	amino acid	H	OH	Cl
amino acid	amino acid	H	OH	Br
amino acid	amino acid	H	OH	I
amino acid	H	H	OH	H
amino acid	H	H	OH	NH <sub>2</sub>
amino acid	H	H	OH	NH-cyclopropyl
amino acid	H	H	OH	NH-methyl
amino acid	H	H	OH	NH-ethyl
amino acid	H	H	OH	NH-acetyl
amino acid	H	H	OH	OH
amino acid	H	H	OH	OMe
amino acid	H	H	OH	OEt
amino acid	H	H	OH	O-cyclopropyl
amino acid	H	H	OH	O-acetyl
amino acid	H	H	OH	SH
amino acid	H	H	OH	SMe
amino acid	H	H	OH	SEt
amino acid	H	H	OH	S-cyclopropyl
amino acid	H	H	OH	F
amino acid	H	H	OH	Cl
amino acid	H	H	OH	Br
amino acid	H	H	OH	I
amino acid	acyl	H	OH	H

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	H	OH	NH <sub>2</sub>
amino acid	acyl	H	OH	NH-cyclopropyl
amino acid	acyl	H	OH	NH-methyl
amino acid	acyl	H	OH	NH-ethyl
amino acid	acyl	H	OH	NH-acetyl
amino acid	acyl	H	OH	OH
amino acid	acyl	H	OH	OMe
amino acid	acyl	H	OH	OEt
amino acid	acyl	H	OH	O-cyclopropyl
amino acid	acyl	H	OH	O-acetyl
amino acid	acyl	H	OH	SH
amino acid	acyl	H	OH	SMe
amino acid	acyl	H	OH	SEt
amino acid	acyl	H	OH	S-cyclopropyl
amino acid	acyl	H	OH	F
amino acid	acyl	H	OH	Cl
amino acid	acyl	H	OH	Br
amino acid	acyl	H	OH	I
acyl	H	OH	SH	H
acyl	H	OH	SH	NH <sub>2</sub>
acyl	H	OH	SH	NH-cyclopropyl
acyl	H	OH	SH	NH-methyl
acyl	H	OH	SH	NH-ethyl
acyl	H	OH	SH	NH-acetyl
acyl	H	OH	SH	OH
acyl	H	OH	SH	OMe
acyl	H	OH	SH	OEt
acyl	H	OH	SH	O-cyclopropyl
acyl	H	OH	SH	O-acetyl
acyl	H	OH	SH	SH
acyl	H	OH	SH	SMe
acyl	H	OH	SH	SEt
acyl	H	OH	SH	S-cyclopropyl
acyl	H	OH	SH	F
acyl	H	OH	SH	Cl
acyl	H	OH	SH	Br
acyl	H	OH	SH	I
acyl	acyl	OH	SH	H
acyl	acyl	OH	SH	NH <sub>2</sub>
acyl	acyl	OH	SH	NH-cyclopropyl
acyl	acyl	OH	SH	NH-methyl
acyl	acyl	OH	SH	NH-ethyl
acyl	acyl	OH	SH	NH-acetyl
acyl	acyl	OH	SH	OH
acyl	acyl	OH	SH	OMe
acyl	acyl	OH	SH	OEt
acyl	acyl	OH	SH	O-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	OH	SH	O-acetyl
acyl	acyl	OH	SH	SH
acyl	acyl	OH	SH	SMe
acyl	acyl	OH	SH	SEt
acyl	acyl	OH	SH	S-cyclopropyl
acyl	acyl	OH	SH	F
acyl	acyl	OH	SH	Cl
acyl	acyl	OH	SH	Br
acyl	acyl	OH	SH	I
acyl	amino acid	OH	SH	H
acyl	amino acid	OH	SH	NH <sub>2</sub>
acyl	amino acid	OH	SH	NH-cyclopropyl
acyl	amino acid	OH	SH	NH-methyl
acyl	amino acid	OH	SH	NH-ethyl
acyl	amino acid	OH	SH	NH-acetyl
acyl	amino acid	OH	SH	OH
acyl	amino acid	OH	SH	OMe
acyl	amino acid	OH	SH	OEt
acyl	amino acid	OH	SH	O-cyclopropyl
acyl	amino acid	OH	SH	O-acetyl
acyl	amino acid	OH	SH	SH
acyl	amino acid	OH	SH	SMe
acyl	amino acid	OH	SH	SEt
acyl	amino acid	OH	SH	S-cyclopropyl
acyl	amino acid	OH	SH	F
acyl	amino acid	OH	SH	Cl
acyl	amino acid	OH	SH	Br
acyl	amino acid	OH	SH	I
H	acyl	OH	SH	H
H	acyl	OH	SH	NH <sub>2</sub>
H	acyl	OH	SH	NH-cyclopropyl
H	acyl	OH	SH	NH-methyl
H	acyl	OH	SH	NH-ethyl
H	acyl	OH	SH	NH-acetyl
H	acyl	OH	SH	OH
H	acyl	OH	SH	OMe
H	acyl	OH	SH	OEt
H	acyl	OH	SH	O-cyclopropyl
H	acyl	OH	SH	O-acetyl
H	acyl	OH	SH	SH
H	acyl	OH	SH	SMe
H	acyl	OH	SH	SEt
H	acyl	OH	SH	S-cyclopropyl
H	acyl	OH	SH	F
H	acyl	OH	SH	Cl
H	acyl	OH	SH	Br
H	acyl	OH	SH	I

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	OH	SH	H
H	amino acid	OH	SH	NH <sub>2</sub>
H	amino acid	OH	SH	NH-cyclopropyl
H	amino acid	OH	SH	NH-methyl
H	amino acid	OH	SH	NH-ethyl
H	amino acid	OH	SH	NH-acetyl
H	amino acid	OH	SH	OH
H	amino acid	OH	SH	OMe
H	amino acid	OH	SH	OEt
H	amino acid	OH	SH	O-cyclopropyl
H	amino acid	OH	SH	O-acetyl
H	amino acid	OH	SH	SH
H	amino acid	OH	SH	SMe
H	amino acid	OH	SH	SEt
H	amino acid	OH	SH	S-cyclopropyl
H	amino acid	OH	SH	F
H	amino acid	OH	SH	Cl
H	amino acid	OH	SH	Br
H	amino acid	OH	SH	I
amino acid	amino acid	OH	SH	H
amino acid	amino acid	OH	SH	NH <sub>2</sub>
amino acid	amino acid	OH	SH	NH-cyclopropyl
amino acid	amino acid	OH	SH	NH-methyl
amino acid	amino acid	OH	SH	NH-ethyl
amino acid	amino acid	OH	SH	NH-acetyl
amino acid	amino acid	OH	SH	OH
amino acid	amino acid	OH	SH	OMe
amino acid	amino acid	OH	SH	OEt
amino acid	amino acid	OH	SH	O-cyclopropyl
amino acid	amino acid	OH	SH	O-acetyl
amino acid	amino acid	OH	SH	SH
amino acid	amino acid	OH	SH	SMe
amino acid	amino acid	OH	SH	SEt
amino acid	amino acid	OH	SH	S-cyclopropyl
amino acid	amino acid	OH	SH	F
amino acid	amino acid	OH	SH	Cl
amino acid	amino acid	OH	SH	Br
amino acid	amino acid	OH	SH	I
amino acid	H	OH	SH	H
amino acid	H	OH	SH	NH <sub>2</sub>
amino acid	H	OH	SH	NH-cyclopropyl
amino acid	H	OH	SH	NH-methyl
amino acid	H	OH	SH	NH-ethyl
amino acid	H	OH	SH	NH-acetyl
amino acid	H	OH	SH	OH
amino acid	H	OH	SH	OMe
amino acid	H	OH	SH	OEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	OH	SH	O-cyclopropyl
amino acid	H	OH	SH	O-acetyl
amino acid	H	OH	SH	SH
amino acid	H	OH	SH	SMe
amino acid	H	OH	SH	SEt
amino acid	H	OH	SH	S-cyclopropyl
amino acid	H	OH	SH	F
amino acid	H	OH	SH	Cl
amino acid	H	OH	SH	Br
amino acid	H	OH	SH	I
amino acid	acyl	OH	SH	H
amino acid	acyl	OH	SH	NH <sub>2</sub>
amino acid	acyl	OH	SH	NH-cyclopropyl
amino acid	acyl	OH	SH	NH-methyl
amino acid	acyl	OH	SH	NH-ethyl
amino acid	acyl	OH	SH	NH-acetyl
amino acid	acyl	OH	SH	OH
amino acid	acyl	OH	SH	OMe
amino acid	acyl	OH	SH	OEt
amino acid	acyl	OH	SH	O-cyclopropyl
amino acid	acyl	OH	SH	O-acetyl
amino acid	acyl	OH	SH	SH
amino acid	acyl	OH	SH	SMe
amino acid	acyl	OH	SH	SEt
amino acid	acyl	OH	SH	S-cyclopropyl
amino acid	acyl	OH	SH	F
amino acid	acyl	OH	SH	Cl
amino acid	acyl	OH	SH	Br
amino acid	acyl	OH	SH	I
acyl	H	SH	OH	H
acyl	H	SH	OH	NH <sub>2</sub>
acyl	H	SH	OH	NH-cyclopropyl
acyl	H	SH	OH	NH-methyl
acyl	H	SH	OH	NH-ethyl
acyl	H	SH	OH	NH-acetyl
acyl	H	SH	OH	OH
acyl	H	SH	OH	OMe
acyl	H	SH	OH	OEt
acyl	H	SH	OH	O-cyclopropyl
acyl	H	SH	OH	O-acetyl
acyl	H	SH	OH	SH
acyl	H	SH	OH	SMe
acyl	H	SH	OH	SEt
acyl	H	SH	OH	S-cyclopropyl
acyl	H	SH	OH	F
acyl	H	SH	OH	Cl
acyl	H	SH	OH	Br

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	SH	OH	I
acyl	acyl	SH	OH	H
acyl	acyl	SH	OH	NH <sub>2</sub>
acyl	acyl	SH	OH	NH-cyclopropyl
acyl	acyl	SH	OH	NH-methyl
acyl	acyl	SH	OH	NH-ethyl
acyl	acyl	SH	OH	NH-acetyl
acyl	acyl	SH	OH	OH
acyl	acyl	SH	OH	OMe
acyl	acyl	SH	OH	OEt
acyl	acyl	SH	OH	O-cyclopropyl
acyl	acyl	SH	OH	O-acetyl
acyl	acyl	SH	OH	SH
acyl	acyl	SH	OH	SMe
acyl	acyl	SH	OH	SEt
acyl	acyl	SH	OH	S-cyclopropyl
acyl	acyl	SH	OH	F
acyl	acyl	SH	OH	Cl
acyl	acyl	SH	OH	Br
acyl	acyl	SH	OH	I
acyl	amino acid	SH	OH	H
acyl	amino acid	SH	OH	NH <sub>2</sub>
acyl	amino acid	SH	OH	NH-cyclopropyl
acyl	amino acid	SH	OH	NH-methyl
acyl	amino acid	SH	OH	NH-ethyl
acyl	amino acid	SH	OH	NH-acetyl
acyl	amino acid	SH	OH	OH
acyl	amino acid	SH	OH	OMe
acyl	amino acid	SH	OH	OEt
acyl	amino acid	SH	OH	O-cyclopropyl
acyl	amino acid	SH	OH	O-acetyl
acyl	amino acid	SH	OH	SH
acyl	amino acid	SH	OH	SMe
acyl	amino acid	SH	OH	SEt
acyl	amino acid	SH	OH	S-cyclopropyl
acyl	amino acid	SH	OH	F
acyl	amino acid	SH	OH	Cl
acyl	amino acid	SH	OH	Br
acyl	amino acid	SH	OH	I
H	acyl	SH	OH	H
H	acyl	SH	OH	NH <sub>2</sub>
H	acyl	SH	OH	NH-cyclopropyl
H	acyl	SH	OH	NH-methyl
H	acyl	SH	OH	NH-ethyl
H	acyl	SH	OH	NH-acetyl
H	acyl	SH	OH	OH
H	acyl	SH	OH	OMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	SH	OH	OEt
H	acyl	SH	OH	O-cyclopropyl
H	acyl	SH	OH	O-acetyl
H	acyl	SH	OH	SH
H	acyl	SH	OH	SMe
H	acyl	SH	OH	SEt
H	acyl	SH	OH	S-cyclopropyl
H	acyl	SH	OH	F
H	acyl	SH	OH	Cl
H	acyl	SH	OH	Br
H	acyl	SH	OH	I
H	amino acid	SH	OH	H
H	amino acid	SH	OH	NH <sub>2</sub>
H	amino acid	SH	OH	NH-cyclopropyl
H	amino acid	SH	OH	NH-methyl
H	amino acid	SH	OH	NH-ethyl
H	amino acid	SH	OH	NH-acetyl
H	amino acid	SH	OH	OH
H	amino acid	SH	OH	OMe
H	amino acid	SH	OH	OEt
H	amino acid	SH	OH	O-cyclopropyl
H	amino acid	SH	OH	O-acetyl
H	amino acid	SH	OH	SH
H	amino acid	SH	OH	SMe
H	amino acid	SH	OH	SEt
H	amino acid	SH	OH	S-cyclopropyl
H	amino acid	SH	OH	F
H	amino acid	SH	OH	Cl
H	amino acid	SH	OH	Br
H	amino acid	SH	OH	I
amino acid	amino acid	SH	OH	H
amino acid	amino acid	SH	OH	NH <sub>2</sub>
amino acid	amino acid	SH	OH	NH-cyclopropyl
amino acid	amino acid	SH	OH	NH-methyl
amino acid	amino acid	SH	OH	NH-ethyl
amino acid	amino acid	SH	OH	NH-acetyl
amino acid	amino acid	SH	OH	OH
amino acid	amino acid	SH	OH	OMe
amino acid	amino acid	SH	OH	OEt
amino acid	amino acid	SH	OH	O-cyclopropyl
amino acid	amino acid	SH	OH	O-acetyl
amino acid	amino acid	SH	OH	SH
amino acid	amino acid	SH	OH	SMe
amino acid	amino acid	SH	OH	SEt
amino acid	amino acid	SH	OH	S-cyclopropyl
amino acid	amino acid	SH	OH	F
amino acid	amino acid	SH	OH	Cl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	SH	OH	Br
amino acid	amino acid	SH	OH	I
amino acid	H	SH	OH	H
amino acid	H	SH	OH	NH <sub>2</sub>
amino acid	H	SH	OH	NH-cyclopropyl
amino acid	H	SH	OH	NH-methyl
amino acid	H	SH	OH	NH-ethyl
amino acid	H	SH	OH	NH-acetyl
amino acid	H	SH	OH	OH
amino acid	H	SH	OH	OMe
amino acid	H	SH	OH	OEt
amino acid	H	SH	OH	O-cyclopropyl
amino acid	H	SH	OH	O-acetyl
amino acid	H	SH	OH	SH
amino acid	H	SH	OH	SMe
amino acid	H	SH	OH	SEt
amino acid	H	SH	OH	S-cyclopropyl
amino acid	H	SH	OH	F
amino acid	H	SH	OH	Cl
amino acid	H	SH	OH	Br
amino acid	H	SH	OH	I
amino acid	acyl	SH	OH	H
amino acid	acyl	SH	OH	NH <sub>2</sub>
amino acid	acyl	SH	OH	NH-cyclopropyl
amino acid	acyl	SH	OH	NH-methyl
amino acid	acyl	SH	OH	NH-ethyl
amino acid	acyl	SH	OH	NH-acetyl
amino acid	acyl	SH	OH	OH
amino acid	acyl	SH	OH	OMe
amino acid	acyl	SH	OH	OEt
amino acid	acyl	SH	OH	O-cyclopropyl
amino acid	acyl	SH	OH	O-acetyl
amino acid	acyl	SH	OH	SH
amino acid	acyl	SH	OH	SMe
amino acid	acyl	SH	OH	SEt
amino acid	acyl	SH	OH	S-cyclopropyl
amino acid	acyl	SH	OH	F
amino acid	acyl	SH	OH	Cl
amino acid	acyl	SH	OH	Br
amino acid	acyl	SH	OH	I
acyl	H	Br	H	H
acyl	H	Br	H	NH <sub>2</sub>
acyl	H	Br	H	NH-cyclopropyl
acyl	H	Br	H	NH-methyl
acyl	H	Br	H	NH-ethyl
acyl	H	Br	H	NH-acetyl
acyl	H	Br	H	OH



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	Br	H	OMe
acyl	H	Br	H	OEt
acyl	H	Br	H	O-cyclopropyl
acyl	H	Br	H	O-acetyl
acyl	H	Br	H	SH
acyl	H	Br	H	SMe
acyl	H	Br	H	SEt
acyl	H	Br	H	S-cyclopropyl
acyl	H	Br	H	F
acyl	H	Br	H	Cl
acyl	H	Br	H	Br
acyl	H	Br	H	I
acyl	acyl	Br	H	H
acyl	acyl	Br	H	NH <sub>2</sub>
acyl	acyl	Br	H	NH-cyclopropyl
acyl	acyl	Br	H	NH-methyl
acyl	acyl	Br	H	NH-ethyl
acyl	acyl	Br	H	NH-acetyl
acyl	acyl	Br	H	OH
acyl	acyl	Br	H	OMe
acyl	acyl	Br	H	OEt
acyl	acyl	Br	H	O-cyclopropyl
acyl	acyl	Br	H	O-acetyl
acyl	acyl	Br	H	SH
acyl	acyl	Br	H	SMe
acyl	acyl	Br	H	SEt
acyl	acyl	Br	H	S-cyclopropyl
acyl	acyl	Br	H	F
acyl	acyl	Br	H	Cl
acyl	acyl	Br	H	Br
acyl	acyl	Br	H	I
acyl	amino acid	Br	H	H
acyl	amino acid	Br	H	NH <sub>2</sub>
acyl	amino acid	Br	H	NH-cyclopropyl
acyl	amino acid	Br	H	NH-methyl
acyl	amino acid	Br	H	NH-ethyl
acyl	amino acid	Br	H	NH-acetyl
acyl	amino acid	Br	H	OH
acyl	amino acid	Br	H	OMe
acyl	amino acid	Br	H	OEt
acyl	amino acid	Br	H	O-cyclopropyl
acyl	amino acid	Br	H	O-acetyl
acyl	amino acid	Br	H	SH
acyl	amino acid	Br	H	SMe
acyl	amino acid	Br	H	SEt
acyl	amino acid	Br	H	S-cyclopropyl
acyl	amino acid	Br	H	F

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	Br	H	Cl
acyl	amino acid	Br	H	Br
acyl	amino acid	Br	H	I
H	acyl	Br	H	H
H	acyl	Br	H	NH <sub>2</sub>
H	acyl	Br	H	NH-cyclopropyl
H	acyl	Br	H	NH-methyl
H	acyl	Br	H	NH-ethyl
H	acyl	Br	H	NH-acetyl
H	acyl	Br	H	OH
H	acyl	Br	H	OMe
H	acyl	Br	H	OEt
H	acyl	Br	H	O-cyclopropyl
H	acyl	Br	H	O-acetyl
H	acyl	Br	H	SH
H	acyl	Br	H	SMe
H	acyl	Br	H	SEt
H	acyl	Br	H	S-cyclopropyl
H	acyl	Br	H	F
H	acyl	Br	H	Cl
H	acyl	Br	H	Br
H	acyl	Br	H	I
H	amino acid	Br	H	H
H	amino acid	Br	H	NH <sub>2</sub>
H	amino acid	Br	H	NH-cyclopropyl
H	amino acid	Br	H	NH-methyl
H	amino acid	Br	H	NH-ethyl
H	amino acid	Br	H	NH-acetyl
H	amino acid	Br	H	OH
H	amino acid	Br	H	OMe
H	amino acid	Br	H	OEt
H	amino acid	Br	H	O-cyclopropyl
H	amino acid	Br	H	O-acetyl
H	amino acid	Br	H	SH
H	amino acid	Br	H	SMe
H	amino acid	Br	H	SEt
H	amino acid	Br	H	S-cyclopropyl
H	amino acid	Br	H	F
H	amino acid	Br	H	Cl
H	amino acid	Br	H	Br
H	amino acid	Br	H	I
amino acid	amino acid	Br	H	H
amino acid	amino acid	Br	H	NH <sub>2</sub>
amino acid	amino acid	Br	H	NH-cyclopropyl
amino acid	amino acid	Br	H	NH-methyl
amino acid	amino acid	Br	H	NH-ethyl
amino acid	amino acid	Br	H	NH-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	Br	H	OH
amino acid	amino acid	Br	H	OMe
amino acid	amino acid	Br	H	OEt
amino acid	amino acid	Br	H	O-cyclopropyl
amino acid	amino acid	Br	H	O-acetyl
amino acid	amino acid	Br	H	SH
amino acid	amino acid	Br	H	SMe
amino acid	amino acid	Br	H	SEt
amino acid	amino acid	Br	H	S-cyclopropyl
amino acid	amino acid	Br	H	F
amino acid	amino acid	Br	H	Cl
amino acid	amino acid	Br	H	Br
amino acid	amino acid	Br	H	I
amino acid	H	Br	H	H
amino acid	H	Br	H	NH <sub>2</sub>
amino acid	H	Br	H	NH-cyclopropyl
amino acid	H	Br	H	NH-methyl
amino acid	H	Br	H	NH-ethyl
amino acid	H	Br	H	NH-acetyl
amino acid	H	Br	H	OH
amino acid	H	Br	H	OMe
amino acid	H	Br	H	OEt
amino acid	H	Br	H	O-cyclopropyl
amino acid	H	Br	H	O-acetyl
amino acid	H	Br	H	SH
amino acid	H	Br	H	SMe
amino acid	H	Br	H	SEt
amino acid	H	Br	H	S-cyclopropyl
amino acid	H	Br	H	F
amino acid	H	Br	H	Cl
amino acid	H	Br	H	Br
amino acid	H	Br	H	I
amino acid	acyl	Br	H	H
amino acid	acyl	Br	H	NH <sub>2</sub>
amino acid	acyl	Br	H	NH-cyclopropyl
amino acid	acyl	Br	H	NH-methyl
amino acid	acyl	Br	H	NH-ethyl
amino acid	acyl	Br	H	NH-acetyl
amino acid	acyl	Br	H	OH
amino acid	acyl	Br	H	OMe
amino acid	acyl	Br	H	OEt
amino acid	acyl	Br	H	O-cyclopropyl
amino acid	acyl	Br	H	O-acetyl
amino acid	acyl	Br	H	SH
amino acid	acyl	Br	H	SMe
amino acid	acyl	Br	H	SEt
amino acid	acyl	Br	H	S-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	Br	H	F
amino acid	acyl	Br	H	Cl
amino acid	acyl	Br	H	Br
amino acid	acyl	Br	H	I
acyl	H	Br	Br	H
acyl	H	Br	Br	NH <sub>2</sub>
acyl	H	Br	Br	NH-cyclopropyl
acyl	H	Br	Br	NH-methyl
acyl	H	Br	Br	NH-ethyl
acyl	H	Br	Br	NH-acetyl
acyl	H	Br	Br	OH
acyl	H	Br	Br	OMe
acyl	H	Br	Br	OEt
acyl	H	Br	Br	O-cyclopropyl
acyl	H	Br	Br	O-acetyl
acyl	H	Br	Br	SH
acyl	H	Br	Br	SMe
acyl	H	Br	Br	SEt
acyl	H	Br	Br	S-cyclopropyl
acyl	H	Br	Br	F
acyl	H	Br	Br	Cl
acyl	H	Br	Br	Br
acyl	H	Br	Br	I
acyl	acyl	Br	Br	H
acyl	acyl	Br	Br	NH <sub>2</sub>
acyl	acyl	Br	Br	NH-cyclopropyl
acyl	acyl	Br	Br	NH-methyl
acyl	acyl	Br	Br	NH-ethyl
acyl	acyl	Br	Br	NH-acetyl
acyl	acyl	Br	Br	OH
acyl	acyl	Br	Br	OMe
acyl	acyl	Br	Br	OEt
acyl	acyl	Br	Br	O-cyclopropyl
acyl	acyl	Br	Br	O-acetyl
acyl	acyl	Br	Br	SH
acyl	acyl	Br	Br	SMe
acyl	acyl	Br	Br	SEt
acyl	acyl	Br	Br	S-cyclopropyl
acyl	acyl	Br	Br	F
acyl	acyl	Br	Br	Cl
acyl	acyl	Br	Br	Br
acyl	acyl	Br	Br	I
acyl	amino acid	Br	Br	H
acyl	amino acid	Br	Br	NH <sub>2</sub>
acyl	amino acid	Br	Br	NH-cyclopropyl
acyl	amino acid	Br	Br	NH-methyl
acyl	amino acid	Br	Br	NH-ethyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	Br	Br	NH-acetyl
acyl	amino acid	Br	Br	OH
acyl	amino acid	Br	Br	OMe
acyl	amino acid	Br	Br	OEt
acyl	amino acid	Br	Br	O-cyclopropyl
acyl	amino acid	Br	Br	O-acetyl
acyl	amino acid	Br	Br	SH
acyl	amino acid	Br	Br	SMe
acyl	amino acid	Br	Br	SEt
acyl	amino acid	Br	Br	S-cyclopropyl
acyl	amino acid	Br	Br	F
acyl	amino acid	Br	Br	Cl
acyl	amino acid	Br	Br	Br
acyl	amino acid	Br	Br	I
H	acyl	Br	Br	H
H	acyl	Br	Br	NH <sub>2</sub>
H	acyl	Br	Br	NH-cyclopropyl
H	acyl	Br	Br	NH-methyl
H	acyl	Br	Br	NH-ethyl
H	acyl	Br	Br	NH-acetyl
H	acyl	Br	Br	OH
H	acyl	Br	Br	OMe
H	acyl	Br	Br	OEt
H	acyl	Br	Br	O-cyclopropyl
H	acyl	Br	Br	O-acetyl
H	acyl	Br	Br	SH
H	acyl	Br	Br	SMe
H	acyl	Br	Br	SEt
H	acyl	Br	Br	S-cyclopropyl
H	acyl	Br	Br	F
H	acyl	Br	Br	Cl
H	acyl	Br	Br	Br
H	acyl	Br	Br	I
H	amino acid	Br	Br	H
H	amino acid	Br	Br	NH <sub>2</sub>
H	amino acid	Br	Br	NH-cyclopropyl
H	amino acid	Br	Br	NH-methyl
H	amino acid	Br	Br	NH-ethyl
H	amino acid	Br	Br	NH-acetyl
H	amino acid	Br	Br	OH
H	amino acid	Br	Br	OMe
H	amino acid	Br	Br	OEt
H	amino acid	Br	Br	O-cyclopropyl
H	amino acid	Br	Br	O-acetyl
H	amino acid	Br	Br	SH
H	amino acid	Br	Br	SMe
H	amino acid	Br	Br	SEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	Br	Br	S-cyclopropyl
H	amino acid	Br	Br	F
H	amino acid	Br	Br	Cl
H	amino acid	Br	Br	Br
H	amino acid	Br	Br	I
amino acid	amino acid	Br	Br	H
amino acid	amino acid	Br	Br	NH <sub>2</sub>
amino acid	amino acid	Br	Br	NH-cyclopropyl
amino acid	amino acid	Br	Br	NH-methyl
amino acid	amino acid	Br	Br	NH-ethyl
amino acid	amino acid	Br	Br	NH-acetyl
amino acid	amino acid	Br	Br	OH
amino acid	amino acid	Br	Br	OMe
amino acid	amino acid	Br	Br	OEt
amino acid	amino acid	Br	Br	O-cyclopropyl
amino acid	amino acid	Br	Br	O-acetyl
amino acid	amino acid	Br	Br	SH
amino acid	amino acid	Br	Br	SMe
amino acid	amino acid	Br	Br	SEt
amino acid	amino acid	Br	Br	S-cyclopropyl
amino acid	amino acid	Br	Br	F
amino acid	amino acid	Br	Br	Cl
amino acid	amino acid	Br	Br	Br
amino acid	amino acid	Br	Br	I
amino acid	H	Br	Br	H
amino acid	H	Br	Br	NH <sub>2</sub>
amino acid	H	Br	Br	NH-cyclopropyl
amino acid	H	Br	Br	NH-methyl
amino acid	H	Br	Br	NH-ethyl
amino acid	H	Br	Br	NH-acetyl
amino acid	H	Br	Br	OH
amino acid	H	Br	Br	OMe
amino acid	H	Br	Br	OEt
amino acid	H	Br	Br	O-cyclopropyl
amino acid	H	Br	Br	O-acetyl
amino acid	H	Br	Br	SH
amino acid	H	Br	Br	SMe
amino acid	H	Br	Br	SEt
amino acid	H	Br	Br	S-cyclopropyl
amino acid	H	Br	Br	F
amino acid	H	Br	Br	Cl
amino acid	H	Br	Br	Br
amino acid	H	Br	Br	I
amino acid	acyl	Br	Br	H
amino acid	acyl	Br	Br	NH <sub>2</sub>
amino acid	acyl	Br	Br	NH-cyclopropyl
amino acid	acyl	Br	Br	NH-methyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	Br	Br	NH-ethyl
amino acid	acyl	Br	Br	NH-acetyl
amino acid	acyl	Br	Br	OH
amino acid	acyl	Br	Br	OMe
amino acid	acyl	Br	Br	OEt
amino acid	acyl	Br	Br	O-cyclopropyl
amino acid	acyl	Br	Br	O-acetyl
amino acid	acyl	Br	Br	SH
amino acid	acyl	Br	Br	SMe
amino acid	acyl	Br	Br	SEt
amino acid	acyl	Br	Br	S-cyclopropyl
amino acid	acyl	Br	Br	F
amino acid	acyl	Br	Br	Cl
amino acid	acyl	Br	Br	Br
amino acid	acyl	Br	Br	I
acyl	H	H	Br	H
acyl	H	H	Br	NH <sub>2</sub>
acyl	H	H	Br	NH-cyclopropyl
acyl	H	H	Br	NH-methyl
acyl	H	H	Br	NH-ethyl
acyl	H	H	Br	NH-acetyl
acyl	H	H	Br	OH
acyl	H	H	Br	OMe
acyl	H	H	Br	OEt
acyl	H	H	Br	O-cyclopropyl
acyl	H	H	Br	O-acetyl
acyl	H	H	Br	SH
acyl	H	H	Br	SMe
acyl	H	H	Br	SEt
acyl	H	H	Br	S-cyclopropyl
acyl	H	H	Br	F
acyl	H	H	Br	Cl
acyl	H	H	Br	Br
acyl	H	H	Br	I
acyl	acyl	H	Br	H
acyl	acyl	H	Br	NH <sub>2</sub>
acyl	acyl	H	Br	NH-cyclopropyl
acyl	acyl	H	Br	NH-methyl
acyl	acyl	H	Br	NH-ethyl
acyl	acyl	H	Br	NH-acetyl
acyl	acyl	H	Br	OH
acyl	acyl	H	Br	OMe
acyl	acyl	H	Br	OEt
acyl	acyl	H	Br	O-cyclopropyl
acyl	acyl	H	Br	O-acetyl
acyl	acyl	H	Br	SH
acyl	acyl	H	Br	SMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	H	Br	SEt
acyl	acyl	H	Br	S-cyclopropyl
acyl	acyl	H	Br	F
acyl	acyl	H	Br	Cl
acyl	acyl	H	Br	Br
acyl	acyl	H	Br	I
acyl	amino acid	H	Br	H
acyl	amino acid	H	Br	NH <sub>2</sub>
acyl	amino acid	H	Br	NH-cyclopropyl
acyl	amino acid	H	Br	NH-methyl
acyl	amino acid	H	Br	NH-ethyl
acyl	amino acid	H	Br	NH-acetyl
acyl	amino acid	H	Br	OH
acyl	amino acid	H	Br	OMe
acyl	amino acid	H	Br	OEt
acyl	amino acid	H	Br	O-cyclopropyl
acyl	amino acid	H	Br	O-acetyl
acyl	amino acid	H	Br	SH
acyl	amino acid	H	Br	SMe
acyl	amino acid	H	Br	SEt
acyl	amino acid	H	Br	S-cyclopropyl
acyl	amino acid	H	Br	F
acyl	amino acid	H	Br	Cl
acyl	amino acid	H	Br	Br
acyl	amino acid	H	Br	I
H	acyl	H	Br	H
H	acyl	H	Br	NH <sub>2</sub>
H	acyl	H	Br	NH-cyclopropyl
H	acyl	H	Br	NH-methyl
H	acyl	H	Br	NH-ethyl
H	acyl	H	Br	NH-acetyl
H	acyl	H	Br	OH
H	acyl	H	Br	OMe
H	acyl	H	Br	OEt
H	acyl	H	Br	O-cyclopropyl
H	acyl	H	Br	O-acetyl
H	acyl	H	Br	SH
H	acyl	H	Br	SMe
H	acyl	H	Br	SEt
H	acyl	H	Br	S-cyclopropyl
H	acyl	H	Br	F
H	acyl	H	Br	Cl
H	acyl	H	Br	Br
H	acyl	H	Br	I
H	amino acid	H	Br	H
H	amino acid	H	Br	NH <sub>2</sub>
H	amino acid	H	Br	NH-cyclopropyl



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	H	Br	NH-methyl
H	amino acid	H	Br	NH-ethyl
H	amino acid	H	Br	NH-acetyl
H	amino acid	H	Br	OH
H	amino acid	H	Br	OMe
H	amino acid	H	Br	OEt
H	amino acid	H	Br	O-cyclopropyl
H	amino acid	H	Br	O-acetyl
H	amino acid	H	Br	SH
H	amino acid	H	Br	SMe
H	amino acid	H	Br	SEt
H	amino acid	H	Br	S-cyclopropyl
H	amino acid	H	Br	F
H	amino acid	H	Br	Cl
H	amino acid	H	Br	Br
H	amino acid	H	Br	I
amino acid	amino acid	H	Br	H
amino acid	amino acid	H	Br	NH <sub>2</sub>
amino acid	amino acid	H	Br	NH-cyclopropyl
amino acid	amino acid	H	Br	NH-methyl
amino acid	amino acid	H	Br	NH-ethyl
amino acid	amino acid	H	Br	NH-acetyl
amino acid	amino acid	H	Br	OH
amino acid	amino acid	H	Br	OMe
amino acid	amino acid	H	Br	OEt
amino acid	amino acid	H	Br	O-cyclopropyl
amino acid	amino acid	H	Br	O-acetyl
amino acid	amino acid	H	Br	SH
amino acid	amino acid	H	Br	SMe
amino acid	amino acid	H	Br	SEt
amino acid	amino acid	H	Br	S-cyclopropyl
amino acid	amino acid	H	Br	F
amino acid	amino acid	H	Br	Cl
amino acid	amino acid	H	Br	Br
amino acid	amino acid	H	Br	I
amino acid	H	H	Br	H
amino acid	H	H	Br	NH <sub>2</sub>
amino acid	H	H	Br	NH-cyclopropyl
amino acid	H	H	Br	NH-methyl
amino acid	H	H	Br	NH-ethyl
amino acid	H	H	Br	NH-acetyl
amino acid	H	H	Br	OH
amino acid	H	H	Br	OMe
amino acid	H	H	Br	OEt
amino acid	H	H	Br	O-cyclopropyl
amino acid	H	H	Br	O-acetyl
amino acid	H	H	Br	SH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	H	Br	SMe
amino acid	H	H	Br	SEt
amino acid	H	H	Br	S-cyclopropyl
amino acid	H	H	Br	F
amino acid	H	H	Br	Cl
amino acid	H	H	Br	Br
amino acid	H	H	Br	I
amino acid	acyl	H	Br	H
amino acid	acyl	H	Br	NH <sub>2</sub>
amino acid	acyl	H	Br	NH-cyclopropyl
amino acid	acyl	H	Br	NH-methyl
amino acid	acyl	H	Br	NH-ethyl
amino acid	acyl	H	Br	NH-acetyl
amino acid	acyl	H	Br	OH
amino acid	acyl	H	Br	OMe
amino acid	acyl	H	Br	OEt
amino acid	acyl	H	Br	O-cyclopropyl
amino acid	acyl	H	Br	O-acetyl
amino acid	acyl	H	Br	SH
amino acid	acyl	H	Br	SMe
amino acid	acyl	H	Br	SEt
amino acid	acyl	H	Br	S-cyclopropyl
amino acid	acyl	H	Br	F
amino acid	acyl	H	Br	Cl
amino acid	acyl	H	Br	Br
amino acid	acyl	H	Br	I
acyl	H	Cl	Br	H
acyl	H	Cl	Br	NH <sub>2</sub>
acyl	H	Cl	Br	NH-cyclopropyl
acyl	H	Cl	Br	NH-methyl
acyl	H	Cl	Br	NH-ethyl
acyl	H	Cl	Br	NH-acetyl
acyl	H	Cl	Br	OH
acyl	H	Cl	Br	OMe
acyl	H	Cl	Br	OEt
acyl	H	Cl	Br	O-cyclopropyl
acyl	H	Cl	Br	O-acetyl
acyl	H	Cl	Br	SH
acyl	H	Cl	Br	SMe
acyl	H	Cl	Br	SEt
acyl	H	Cl	Br	S-cyclopropyl
acyl	H	Cl	Br	F
acyl	H	Cl	Br	Cl
acyl	H	Cl	Br	Br
acyl	H	Cl	Br	I
acyl	acyl	Cl	Br	H
acyl	acyl	Cl	Br	NH <sub>2</sub>

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	Cl	Br	NH-cyclopropyl
acyl	acyl	Cl	Br	NH-methyl
acyl	acyl	Cl	Br	NH-ethyl
acyl	acyl	Cl	Br	NH-acetyl
acyl	acyl	Cl	Br	OH
acyl	acyl	Cl	Br	OMe
acyl	acyl	Cl	Br	OEt
acyl	acyl	Cl	Br	O-cyclopropyl
acyl	acyl	Cl	Br	O-acetyl
acyl	acyl	Cl	Br	SH
acyl	acyl	Cl	Br	SMe
acyl	acyl	Cl	Br	SEt
acyl	acyl	Cl	Br	S-cyclopropyl
acyl	acyl	Cl	Br	F
acyl	acyl	Cl	Br	Cl
acyl	acyl	Cl	Br	Br
acyl	acyl	Cl	Br	I
acyl	amino acid	Cl	Br	H
acyl	amino acid	Cl	Br	NH <sub>2</sub>
acyl	amino acid	Cl	Br	NH-cyclopropyl
acyl	amino acid	Cl	Br	NH-methyl
acyl	amino acid	Cl	Br	NH-ethyl
acyl	amino acid	Cl	Br	NH-acetyl
acyl	amino acid	Cl	Br	OH
acyl	amino acid	Cl	Br	OMe
acyl	amino acid	Cl	Br	OEt
acyl	amino acid	Cl	Br	O-cyclopropyl
acyl	amino acid	Cl	Br	O-acetyl
acyl	amino acid	Cl	Br	SH
acyl	amino acid	Cl	Br	SMe
acyl	amino acid	Cl	Br	SEt
acyl	amino acid	Cl	Br	S-cyclopropyl
acyl	amino acid	Cl	Br	F
acyl	amino acid	Cl	Br	Cl
acyl	amino acid	Cl	Br	Br
acyl	amino acid	Cl	Br	I
H	acyl	Cl	Br	H
H	acyl	Cl	Br	NH <sub>2</sub>
H	acyl	Cl	Br	NH-cyclopropyl
H	acyl	Cl	Br	NH-methyl
H	acyl	Cl	Br	NH-ethyl
H	acyl	Cl	Br	NH-acetyl
H	acyl	Cl	Br	OH
H	acyl	Cl	Br	OMe
H	acyl	Cl	Br	OEt
H	acyl	Cl	Br	O-cyclopropyl
H	acyl	Cl	Br	O-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	Cl	Br	SH
H	acyl	Cl	Br	SMe
H	acyl	Cl	Br	SEt
H	acyl	Cl	Br	S-cyclopropyl
H	acyl	Cl	Br	F
H	acyl	Cl	Br	Cl
H	acyl	Cl	Br	Br
H	acyl	Cl	Br	I
H	amino acid	Cl	Br	H
H	amino acid	Cl	Br	NH <sub>2</sub>
H	amino acid	Cl	Br	NH-cyclopropyl
H	amino acid	Cl	Br	NH-methyl
H	amino acid	Cl	Br	NH-ethyl
H	amino acid	Cl	Br	NH-acetyl
H	amino acid	Cl	Br	OH
H	amino acid	Cl	Br	OMe
H	amino acid	Cl	Br	OEt
H	amino acid	Cl	Br	O-cyclopropyl
H	amino acid	Cl	Br	O-acetyl
H	amino acid	Cl	Br	SH
H	amino acid	Cl	Br	SMe
H	amino acid	Cl	Br	SEt
H	amino acid	Cl	Br	S-cyclopropyl
H	amino acid	Cl	Br	F
H	amino acid	Cl	Br	Cl
H	amino acid	Cl	Br	Br
H	amino acid	Cl	Br	I
amino acid	amino acid	Cl	Br	H
amino acid	amino acid	Cl	Br	NH <sub>2</sub>
amino acid	amino acid	Cl	Br	NH-cyclopropyl
amino acid	amino acid	Cl	Br	NH-methyl
amino acid	amino acid	Cl	Br	NH-ethyl
amino acid	amino acid	Cl	Br	NH-acetyl
amino acid	amino acid	Cl	Br	OH
amino acid	amino acid	Cl	Br	OMe
amino acid	amino acid	Cl	Br	OEt
amino acid	amino acid	Cl	Br	O-cyclopropyl
amino acid	amino acid	Cl	Br	O-acetyl
amino acid	amino acid	Cl	Br	SH
amino acid	amino acid	Cl	Br	SMe
amino acid	amino acid	Cl	Br	SEt
amino acid	amino acid	Cl	Br	S-cyclopropyl
amino acid	amino acid	Cl	Br	F
amino acid	amino acid	Cl	Br	Cl
amino acid	amino acid	Cl	Br	Br
amino acid	amino acid	Cl	Br	I
amino acid	H	Cl	Br	H

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	Cl	Br	NH <sub>2</sub>
amino acid	H	Cl	Br	NH-cyclopropyl
amino acid	H	Cl	Br	NH-methyl
amino acid	H	Cl	Br	NH-ethyl
amino acid	H	Cl	Br	NH-acetyl
amino acid	H	Cl	Br	OH
amino acid	H	Cl	Br	OMe
amino acid	H	Cl	Br	OEt
amino acid	H	Cl	Br	O-cyclopropyl
amino acid	H	Cl	Br	O-acetyl
amino acid	H	Cl	Br	SH
amino acid	H	Cl	Br	SMe
amino acid	H	Cl	Br	SEt
amino acid	H	Cl	Br	S-cyclopropyl
amino acid	H	Cl	Br	F
amino acid	H	Cl	Br	Cl
amino acid	H	Cl	Br	Br
amino acid	H	Cl	Br	I
amino acid	acyl	Cl	Br	H
amino acid	acyl	Cl	Br	NH <sub>2</sub>
amino acid	acyl	Cl	Br	NH-cyclopropyl
amino acid	acyl	Cl	Br	NH-methyl
amino acid	acyl	Cl	Br	NH-ethyl
amino acid	acyl	Cl	Br	NH-acetyl
amino acid	acyl	Cl	Br	OH
amino acid	acyl	Cl	Br	OMe
amino acid	acyl	Cl	Br	OEt
amino acid	acyl	Cl	Br	O-cyclopropyl
amino acid	acyl	Cl	Br	O-acetyl
amino acid	acyl	Cl	Br	SH
amino acid	acyl	Cl	Br	SMe
amino acid	acyl	Cl	Br	SEt
amino acid	acyl	Cl	Br	S-cyclopropyl
amino acid	acyl	Cl	Br	F
amino acid	acyl	Cl	Br	Cl
amino acid	acyl	Cl	Br	Br
amino acid	acyl	Cl	Br	I
acyl	H	Br	Cl	H
acyl	H	Br	Cl	NH <sub>2</sub>
acyl	H	Br	Cl	NH-cyclopropyl
acyl	H	Br	Cl	NH-methyl
acyl	H	Br	Cl	NH-ethyl
acyl	H	Br	Cl	NH-acetyl
acyl	H	Br	Cl	OH
acyl	H	Br	Cl	OMe
acyl	H	Br	Cl	OEt
acyl	H	Br	Cl	O-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	Br	Cl	O-acetyl
acyl	H	Br	Cl	SH
acyl	H	Br	Cl	SMe
acyl	H	Br	Cl	SEt
acyl	H	Br	Cl	S-cyclopropyl
acyl	H	Br	Cl	F
acyl	H	Br	Cl	Cl
acyl	H	Br	Cl	Br
acyl	H	Br	Cl	I
acyl	acyl	Br	Cl	H
acyl	acyl	Br	Cl	NH <sub>2</sub>
acyl	acyl	Br	Cl	NH-cyclopropyl
acyl	acyl	Br	Cl	NH-methyl
acyl	acyl	Br	Cl	NH-ethyl
acyl	acyl	Br	Cl	NH-acetyl
acyl	acyl	Br	Cl	OH
acyl	acyl	Br	Cl	OMe
acyl	acyl	Br	Cl	OEt
acyl	acyl	Br	Cl	O-cyclopropyl
acyl	acyl	Br	Cl	O-acetyl
acyl	acyl	Br	Cl	SH
acyl	acyl	Br	Cl	SMe
acyl	acyl	Br	Cl	SEt
acyl	acyl	Br	Cl	S-cyclopropyl
acyl	acyl	Br	Cl	F
acyl	acyl	Br	Cl	Cl
acyl	acyl	Br	Cl	Br
acyl	acyl	Br	Cl	I
acyl	amino acid	Br	Cl	H
acyl	amino acid	Br	Cl	NH <sub>2</sub>
acyl	amino acid	Br	Cl	NH-cyclopropyl
acyl	amino acid	Br	Cl	NH-methyl
acyl	amino acid	Br	Cl	NH-ethyl
acyl	amino acid	Br	Cl	NH-acetyl
acyl	amino acid	Br	Cl	OH
acyl	amino acid	Br	Cl	OMe
acyl	amino acid	Br	Cl	OEt
acyl	amino acid	Br	Cl	O-cyclopropyl
acyl	amino acid	Br	Cl	O-acetyl
acyl	amino acid	Br	Cl	SH
acyl	amino acid	Br	Cl	SMe
acyl	amino acid	Br	Cl	SEt
acyl	amino acid	Br	Cl	S-cyclopropyl
acyl	amino acid	Br	Cl	F
acyl	amino acid	Br	Cl	Cl
acyl	amino acid	Br	Cl	Br
acyl	amino acid	Br	Cl	I

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	Br	Cl	H
H	acyl	Br	Cl	NH <sub>2</sub>
H	acyl	Br	Cl	NH-cyclopropyl
H	acyl	Br	Cl	NH-methyl
H	acyl	Br	Cl	NH-ethyl
H	acyl	Br	Cl	NH-acetyl
H	acyl	Br	Cl	OH
H	acyl	Br	Cl	OMe
H	acyl	Br	Cl	OEt
H	acyl	Br	Cl	O-cyclopropyl
H	acyl	Br	Cl	O-acetyl
H	acyl	Br	Cl	SH
H	acyl	Br	Cl	SMe
H	acyl	Br	Cl	SEt
H	acyl	Br	Cl	S-cyclopropyl
H	acyl	Br	Cl	F
H	acyl	Br	Cl	Cl
H	acyl	Br	Cl	Br
H	acyl	Br	Cl	I
H	amino acid	Br	Cl	H
H	amino acid	Br	Cl	NH <sub>2</sub>
H	amino acid	Br	Cl	NH-cyclopropyl
H	amino acid	Br	Cl	NH-methyl
H	amino acid	Br	Cl	NH-ethyl
H	amino acid	Br	Cl	NH-acetyl
H	amino acid	Br	Cl	OH
H	amino acid	Br	Cl	OMe
H	amino acid	Br	Cl	OEt
H	amino acid	Br	Cl	O-cyclopropyl
H	amino acid	Br	Cl	O-acetyl
H	amino acid	Br	Cl	SH
H	amino acid	Br	Cl	SMe
H	amino acid	Br	Cl	SEt
H	amino acid	Br	Cl	S-cyclopropyl
H	amino acid	Br	Cl	F
H	amino acid	Br	Cl	Cl
H	amino acid	Br	Cl	Br
H	amino acid	Br	Cl	I
amino acid	amino acid	Br	Cl	H
amino acid	amino acid	Br	Cl	NH <sub>2</sub>
amino acid	amino acid	Br	Cl	NH-cyclopropyl
amino acid	amino acid	Br	Cl	NH-methyl
amino acid	amino acid	Br	Cl	NH-ethyl
amino acid	amino acid	Br	Cl	NH-acetyl
amino acid	amino acid	Br	Cl	OH
amino acid	amino acid	Br	Cl	OMe
amino acid	amino acid	Br	Cl	OEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	Br	Cl	O-cyclopropyl
amino acid	amino acid	Br	Cl	O-acetyl
amino acid	amino acid	Br	Cl	SH
amino acid	amino acid	Br	Cl	SMe
amino acid	amino acid	Br	Cl	SEt
amino acid	amino acid	Br	Cl	S-cyclopropyl
amino acid	amino acid	Br	Cl	F
amino acid	amino acid	Br	Cl	Cl
amino acid	amino acid	Br	Cl	Br
amino acid	amino acid	Br	Cl	I
amino acid	H	Br	Cl	H
amino acid	H	Br	Cl	NH <sub>2</sub>
amino acid	H	Br	Cl	NH-cyclopropyl
amino acid	H	Br	Cl	NH-methyl
amino acid	H	Br	Cl	NH-ethyl
amino acid	H	Br	Cl	NH-acetyl
amino acid	H	Br	Cl	OH
amino acid	H	Br	Cl	OMe
amino acid	H	Br	Cl	OEt
amino acid	H	Br	Cl	O-cyclopropyl
amino acid	H	Br	Cl	O-acetyl
amino acid	H	Br	Cl	SH
amino acid	H	Br	Cl	SMe
amino acid	H	Br	Cl	SEt
amino acid	H	Br	Cl	S-cyclopropyl
amino acid	H	Br	Cl	F
amino acid	H	Br	Cl	Cl
amino acid	H	Br	Cl	Br
amino acid	H	Br	Cl	I
amino acid	acyl	Br	Cl	H
amino acid	acyl	Br	Cl	NH <sub>2</sub>
amino acid	acyl	Br	Cl	NH-cyclopropyl
amino acid	acyl	Br	Cl	NH-methyl
amino acid	acyl	Br	Cl	NH-ethyl
amino acid	acyl	Br	Cl	NH-acetyl
amino acid	acyl	Br	Cl	OH
amino acid	acyl	Br	Cl	OMe
amino acid	acyl	Br	Cl	OEt
amino acid	acyl	Br	Cl	O-cyclopropyl
amino acid	acyl	Br	Cl	O-acetyl
amino acid	acyl	Br	Cl	SH
amino acid	acyl	Br	Cl	SMe
amino acid	acyl	Br	Cl	SEt
amino acid	acyl	Br	Cl	S-cyclopropyl
amino acid	acyl	Br	Cl	F
amino acid	acyl	Br	Cl	Cl
amino acid	acyl	Br	Cl	Br



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	Br	Cl	I
acyl	H	H	Cl	H
acyl	H	H	Cl	NH <sub>2</sub>
acyl	H	H	Cl	NH-cyclopropyl
acyl	H	H	Cl	NH-methyl
acyl	H	H	Cl	NH-ethyl
acyl	H	H	Cl	NH-acetyl
acyl	H	H	Cl	OH
acyl	H	H	Cl	OMe
acyl	H	H	Cl	OEt
acyl	H	H	Cl	O-cyclopropyl
acyl	H	H	Cl	O-acetyl
acyl	H	H	Cl	SH
acyl	H	H	Cl	SMe
acyl	H	H	Cl	SEt
acyl	H	H	Cl	S-cyclopropyl
acyl	H	H	Cl	F
acyl	H	H	Cl	Cl
acyl	H	H	Cl	Br
acyl	H	H	Cl	I
acyl	acyl	H	Cl	H
acyl	acyl	H	Cl	NH <sub>2</sub>
acyl	acyl	H	Cl	NH-cyclopropyl
acyl	acyl	H	Cl	NH-methyl
acyl	acyl	H	Cl	NH-ethyl
acyl	acyl	H	Cl	NH-acetyl
acyl	acyl	H	Cl	OH
acyl	acyl	H	Cl	OMe
acyl	acyl	H	Cl	OEt
acyl	acyl	H	Cl	O-cyclopropyl
acyl	acyl	H	Cl	O-acetyl
acyl	acyl	H	Cl	SH
acyl	acyl	H	Cl	SMe
acyl	acyl	H	Cl	SEt
acyl	acyl	H	Cl	S-cyclopropyl
acyl	acyl	H	Cl	F
acyl	acyl	H	Cl	Cl
acyl	acyl	H	Cl	Br
acyl	acyl	H	Cl	I
acyl	amino acid	H	Cl	H
acyl	amino acid	H	Cl	NH <sub>2</sub>
acyl	amino acid	H	Cl	NH-cyclopropyl
acyl	amino acid	H	Cl	NH-methyl
acyl	amino acid	H	Cl	NH-ethyl
acyl	amino acid	H	Cl	NH-acetyl
acyl	amino acid	H	Cl	OH
acyl	amino acid	H	Cl	OMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	H	Cl	OEt
acyl	amino acid	H	Cl	O-cyclopropyl
acyl	amino acid	H	Cl	O-acetyl
acyl	amino acid	H	Cl	SH
acyl	amino acid	H	Cl	SMe
acyl	amino acid	H	Cl	SEt
acyl	amino acid	H	Cl	S-cyclopropyl
acyl	amino acid	H	Cl	F
acyl	amino acid	H	Cl	Cl
acyl	amino acid	H	Cl	Br
acyl	amino acid	H	Cl	I
H	acyl	H	Cl	H
H	acyl	H	Cl	NH <sub>2</sub>
H	acyl	H	Cl	NH-cyclopropyl
H	acyl	H	Cl	NH-methyl
H	acyl	H	Cl	NH-ethyl
H	acyl	H	Cl	NH-acetyl
H	acyl	H	Cl	OH
H	acyl	H	Cl	OMe
H	acyl	H	Cl	OEt
H	acyl	H	Cl	O-cyclopropyl
H	acyl	H	Cl	O-acetyl
H	acyl	H	Cl	SH
H	acyl	H	Cl	SMe
H	acyl	H	Cl	SEt
H	acyl	H	Cl	S-cyclopropyl
H	acyl	H	Cl	F
H	acyl	H	Cl	Cl
H	acyl	H	Cl	Br
H	acyl	H	Cl	I
H	amino acid	H	Cl	H
H	amino acid	H	Cl	NH <sub>2</sub>
H	amino acid	H	Cl	NH-cyclopropyl
H	amino acid	H	Cl	NH-methyl
H	amino acid	H	Cl	NH-ethyl
H	amino acid	H	Cl	NH-acetyl
H	amino acid	H	Cl	OH
H	amino acid	H	Cl	OMe
H	amino acid	H	Cl	OEt
H	amino acid	H	Cl	O-cyclopropyl
H	amino acid	H	Cl	O-acetyl
H	amino acid	H	Cl	SH
H	amino acid	H	Cl	SMe
H	amino acid	H	Cl	SEt
H	amino acid	H	Cl	S-cyclopropyl
H	amino acid	H	Cl	F
H	amino acid	H	Cl	Cl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	H	Cl	Br
H	amino acid	H	Cl	I
amino acid	amino acid	H	Cl	H
amino acid	amino acid	H	Cl	NH <sub>2</sub>
amino acid	amino acid	H	Cl	NH-cyclopropyl
amino acid	amino acid	H	Cl	NH-methyl
amino acid	amino acid	H	Cl	NH-ethyl
amino acid	amino acid	H	Cl	NH-acetyl
amino acid	amino acid	H	Cl	OH
amino acid	amino acid	H	Cl	OMe
amino acid	amino acid	H	Cl	OEt
amino acid	amino acid	H	Cl	O-cyclopropyl
amino acid	amino acid	H	Cl	O-acetyl
amino acid	amino acid	H	Cl	SH
amino acid	amino acid	H	Cl	SMe
amino acid	amino acid	H	Cl	SEt
amino acid	amino acid	H	Cl	S-cyclopropyl
amino acid	amino acid	H	Cl	F
amino acid	amino acid	H	Cl	Cl
amino acid	amino acid	H	Cl	Br
amino acid	amino acid	H	Cl	I
amino acid	H	H	Cl	H
amino acid	H	H	Cl	NH <sub>2</sub>
amino acid	H	H	Cl	NH-cyclopropyl
amino acid	H	H	Cl	NH-methyl
amino acid	H	H	Cl	NH-ethyl
amino acid	H	H	Cl	NH-acetyl
amino acid	H	H	Cl	OH
amino acid	H	H	Cl	OMe
amino acid	H	H	Cl	OEt
amino acid	H	H	Cl	O-cyclopropyl
amino acid	H	H	Cl	O-acetyl
amino acid	H	H	Cl	SH
amino acid	H	H	Cl	SMe
amino acid	H	H	Cl	SEt
amino acid	H	H	Cl	S-cyclopropyl
amino acid	H	H	Cl	F
amino acid	H	H	Cl	Cl
amino acid	H	H	Cl	Br
amino acid	H	H	Cl	I
amino acid	acyl	H	Cl	H
amino acid	acyl	H	Cl	NH <sub>2</sub>
amino acid	acyl	H	Cl	NH-cyclopropyl
amino acid	acyl	H	Cl	NH-methyl
amino acid	acyl	H	Cl	NH-ethyl
amino acid	acyl	H	Cl	NH-acetyl
amino acid	acyl	H	Cl	OH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	H	Cl	OMe
amino acid	acyl	H	Cl	OEt
amino acid	acyl	H	Cl	O-cyclopropyl
amino acid	acyl	H	Cl	O-acetyl
amino acid	acyl	H	Cl	SH
amino acid	acyl	H	Cl	SMe
amino acid	acyl	H	Cl	SEt
amino acid	acyl	H	Cl	S-cyclopropyl
amino acid	acyl	H	Cl	F
amino acid	acyl	H	Cl	Cl
amino acid	acyl	H	Cl	Br
amino acid	acyl	H	Cl	I
acyl	H	Cl	H	H
acyl	H	Cl	H	NH <sub>2</sub>
acyl	H	Cl	H	NH-cyclopropyl
acyl	H	Cl	H	NH-methyl
acyl	H	Cl	H	NH-ethyl
acyl	H	Cl	H	NH-acetyl
acyl	H	Cl	H	OH
acyl	H	Cl	H	OMe
acyl	H	Cl	H	OEt
acyl	H	Cl	H	O-cyclopropyl
acyl	H	Cl	H	O-acetyl
acyl	H	Cl	H	SH
acyl	H	Cl	H	SMe
acyl	H	Cl	H	SEt
acyl	H	Cl	H	S-cyclopropyl
acyl	H	Cl	H	F
acyl	H	Cl	H	Cl
acyl	H	Cl	H	Br
acyl	H	Cl	H	I
acyl	acyl	Cl	H	H
acyl	acyl	Cl	H	NH <sub>2</sub>
acyl	acyl	Cl	H	NH-cyclopropyl
acyl	acyl	Cl	H	NH-methyl
acyl	acyl	Cl	H	NH-ethyl
acyl	acyl	Cl	H	NH-acetyl
acyl	acyl	Cl	H	OH
acyl	acyl	Cl	H	OMe
acyl	acyl	Cl	H	OEt
acyl	acyl	Cl	H	O-cyclopropyl
acyl	acyl	Cl	H	O-acetyl
acyl	acyl	Cl	H	SH
acyl	acyl	Cl	H	SMe
acyl	acyl	Cl	H	SEt
acyl	acyl	Cl	H	S-cyclopropyl
acyl	acyl	Cl	H	F

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	Cl	H	Cl
acyl	acyl	Cl	H	Br
acyl	acyl	Cl	H	I
acyl	amino acid	Cl	H	H
acyl	amino acid	Cl	H	NH <sub>2</sub>
acyl	amino acid	Cl	H	NH-cyclopropyl
acyl	amino acid	Cl	H	NH-methyl
acyl	amino acid	Cl	H	NH-ethyl
acyl	amino acid	Cl	H	NH-acetyl
acyl	amino acid	Cl	H	OH
acyl	amino acid	Cl	H	OMe
acyl	amino acid	Cl	H	OEt
acyl	amino acid	Cl	H	O-cyclopropyl
acyl	amino acid	Cl	H	O-acetyl
acyl	amino acid	Cl	H	SH
acyl	amino acid	Cl	H	SMe
acyl	amino acid	Cl	H	SEt
acyl	amino acid	Cl	H	S-cyclopropyl
acyl	amino acid	Cl	H	F
acyl	amino acid	Cl	H	Cl
acyl	amino acid	Cl	H	Br
acyl	amino acid	Cl	H	I
H	acyl	Cl	H	H
H	acyl	Cl	H	NH <sub>2</sub>
H	acyl	Cl	H	NH-cyclopropyl
H	acyl	Cl	H	NH-methyl
H	acyl	Cl	H	NH-ethyl
H	acyl	Cl	H	NH-acetyl
H	acyl	Cl	H	OH
H	acyl	Cl	H	OMe
H	acyl	Cl	H	OEt
H	acyl	Cl	H	O-cyclopropyl
H	acyl	Cl	H	O-acetyl
H	acyl	Cl	H	SH
H	acyl	Cl	H	SMe
H	acyl	Cl	H	SEt
H	acyl	Cl	H	S-cyclopropyl
H	acyl	Cl	H	F
H	acyl	Cl	H	Cl
H	acyl	Cl	H	Br
H	acyl	Cl	H	I
H	amino acid	Cl	H	H
H	amino acid	Cl	H	NH <sub>2</sub>
H	amino acid	Cl	H	NH-cyclopropyl
H	amino acid	Cl	H	NH-methyl
H	amino acid	Cl	H	NH-ethyl
H	amino acid	Cl	H	NH-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	Cl	H	OH
H	amino acid	Cl	H	OMe
H	amino acid	Cl	H	OEt
H	amino acid	Cl	H	O-cyclopropyl
H	amino acid	Cl	H	O-acetyl
H	amino acid	Cl	H	SH
H	amino acid	Cl	H	SMe
H	amino acid	Cl	H	SEt
H	amino acid	Cl	H	S-cyclopropyl
H	amino acid	Cl	H	F
H	amino acid	Cl	H	Cl
H	amino acid	Cl	H	Br
H	amino acid	Cl	H	I
amino acid	amino acid	Cl	H	H
amino acid	amino acid	Cl	H	NH <sub>2</sub>
amino acid	amino acid	Cl	H	NH-cyclopropyl
amino acid	amino acid	Cl	H	NH-methyl
amino acid	amino acid	Cl	H	NH-ethyl
amino acid	amino acid	Cl	H	NH-acetyl
amino acid	amino acid	Cl	H	OH
amino acid	amino acid	Cl	H	OMe
amino acid	amino acid	Cl	H	OEt
amino acid	amino acid	Cl	H	O-cyclopropyl
amino acid	amino acid	Cl	H	O-acetyl
amino acid	amino acid	Cl	H	SH
amino acid	amino acid	Cl	H	SMe
amino acid	amino acid	Cl	H	SEt
amino acid	amino acid	Cl	H	S-cyclopropyl
amino acid	amino acid	Cl	H	F
amino acid	amino acid	Cl	H	Cl
amino acid	amino acid	Cl	H	Br
amino acid	amino acid	Cl	H	I
amino acid	H	Cl	H	H
amino acid	H	Cl	H	NH <sub>2</sub>
amino acid	H	Cl	H	NH-cyclopropyl
amino acid	H	Cl	H	NH-methyl
amino acid	H	Cl	H	NH-ethyl
amino acid	H	Cl	H	NH-acetyl
amino acid	H	Cl	H	OH
amino acid	H	Cl	H	OMe
amino acid	H	Cl	H	OEt
amino acid	H	Cl	H	O-cyclopropyl
amino acid	H	Cl	H	O-acetyl
amino acid	H	Cl	H	SH
amino acid	H	Cl	H	SMe
amino acid	H	Cl	H	SEt
amino acid	H	Cl	H	S-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	Cl	H	F
amino acid	H	Cl	H	Cl
amino acid	H	Cl	H	Br
amino acid	H	Cl	H	I
amino acid	acyl	Cl	H	H
amino acid	acyl	Cl	H	NH <sub>2</sub>
amino acid	acyl	Cl	H	NH-cyclopropyl
amino acid	acyl	Cl	H	NH-methyl
amino acid	acyl	Cl	H	NH-ethyl
amino acid	acyl	Cl	H	NH-acetyl
amino acid	acyl	Cl	H	OH
amino acid	acyl	Cl	H	OMe
amino acid	acyl	Cl	H	OEt
amino acid	acyl	Cl	H	O-cyclopropyl
amino acid	acyl	Cl	H	O-acetyl
amino acid	acyl	Cl	H	SH
amino acid	acyl	Cl	H	SMe
amino acid	acyl	Cl	H	SEt
amino acid	acyl	Cl	H	S-cyclopropyl
amino acid	acyl	Cl	H	F
amino acid	acyl	Cl	H	Cl
amino acid	acyl	Cl	H	Br
amino acid	acyl	Cl	H	I
acyl	H	Cl	NH <sub>2</sub>	H
acyl	H	Cl	NH <sub>2</sub>	NH <sub>2</sub>
acyl	H	Cl	NH <sub>2</sub>	NH-cyclopropyl
acyl	H	Cl	NH <sub>2</sub>	NH-methyl
acyl	H	Cl	NH <sub>2</sub>	NH-ethyl
acyl	H	Cl	NH <sub>2</sub>	NH-acetyl
acyl	H	Cl	NH <sub>2</sub>	OH
acyl	H	Cl	NH <sub>2</sub>	OMe
acyl	H	Cl	NH <sub>2</sub>	OEt
acyl	H	Cl	NH <sub>2</sub>	O-cyclopropyl
acyl	H	Cl	NH <sub>2</sub>	O-acetyl
acyl	H	Cl	NH <sub>2</sub>	SH
acyl	H	Cl	NH <sub>2</sub>	SMe
acyl	H	Cl	NH <sub>2</sub>	SEt
acyl	H	Cl	NH <sub>2</sub>	S-cyclopropyl
acyl	H	Cl	NH <sub>2</sub>	F
acyl	H	Cl	NH <sub>2</sub>	Cl
acyl	H	Cl	NH <sub>2</sub>	Br
acyl	H	Cl	NH <sub>2</sub>	I
acyl	acyl	Cl	NH <sub>2</sub>	H
acyl	acyl	Cl	NH <sub>2</sub>	NH <sub>2</sub>
acyl	acyl	Cl	NH <sub>2</sub>	NH-cyclopropyl
acyl	acyl	Cl	NH <sub>2</sub>	NH-methyl
acyl	acyl	Cl	NH <sub>2</sub>	NH-ethyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	Cl	NH <sub>2</sub>	NH-acetyl
acyl	acyl	Cl	NH <sub>2</sub>	OH
acyl	acyl	Cl	NH <sub>2</sub>	OMe
acyl	acyl	Cl	NH <sub>2</sub>	OEt
acyl	acyl	Cl	NH <sub>2</sub>	O-cyclopropyl
acyl	acyl	Cl	NH <sub>2</sub>	O-acetyl
acyl	acyl	Cl	NH <sub>2</sub>	SH
acyl	acyl	Cl	NH <sub>2</sub>	SMe
acyl	acyl	Cl	NH <sub>2</sub>	SEt
acyl	acyl	Cl	NH <sub>2</sub>	S-cyclopropyl
acyl	acyl	Cl	NH <sub>2</sub>	F
acyl	acyl	Cl	NH <sub>2</sub>	Cl
acyl	acyl	Cl	NH <sub>2</sub>	Br
acyl	acyl	Cl	NH <sub>2</sub>	I
acyl	amino acid	Cl	NH <sub>2</sub>	H
acyl	amino acid	Cl	NH <sub>2</sub>	NH <sub>2</sub>
acyl	amino acid	Cl	NH <sub>2</sub>	NH-cyclopropyl
acyl	amino acid	Cl	NH <sub>2</sub>	NH-methyl
acyl	amino acid	Cl	NH <sub>2</sub>	NH-ethyl
acyl	amino acid	Cl	NH <sub>2</sub>	NH-acetyl
acyl	amino acid	Cl	NH <sub>2</sub>	OH
acyl	amino acid	Cl	NH <sub>2</sub>	OMe
acyl	amino acid	Cl	NH <sub>2</sub>	OEt
acyl	amino acid	Cl	NH <sub>2</sub>	O-cyclopropyl
acyl	amino acid	Cl	NH <sub>2</sub>	O-acetyl
acyl	amino acid	Cl	NH <sub>2</sub>	SH
acyl	amino acid	Cl	NH <sub>2</sub>	SMe
acyl	amino acid	Cl	NH <sub>2</sub>	SEt
acyl	amino acid	Cl	NH <sub>2</sub>	S-cyclopropyl
acyl	amino acid	Cl	NH <sub>2</sub>	F
acyl	amino acid	Cl	NH <sub>2</sub>	Cl
acyl	amino acid	Cl	NH <sub>2</sub>	Br
acyl	amino acid	Cl	NH <sub>2</sub>	I
H	acyl	Cl	NH <sub>2</sub>	H
H	acyl	Cl	NH <sub>2</sub>	NH <sub>2</sub>
H	acyl	Cl	NH <sub>2</sub>	NH-cyclopropyl
H	acyl	Cl	NH <sub>2</sub>	NH-methyl
H	acyl	Cl	NH <sub>2</sub>	NH-ethyl
H	acyl	Cl	NH <sub>2</sub>	NH-acetyl
H	acyl	Cl	NH <sub>2</sub>	OH
H	acyl	Cl	NH <sub>2</sub>	OMe
H	acyl	Cl	NH <sub>2</sub>	OEt
H	acyl	Cl	NH <sub>2</sub>	O-cyclopropyl
H	acyl	Cl	NH <sub>2</sub>	O-acetyl
H	acyl	Cl	NH <sub>2</sub>	SH
H	acyl	Cl	NH <sub>2</sub>	SMe
H	acyl	Cl	NH <sub>2</sub>	SEt



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	Cl	NH <sub>2</sub>	S-cyclopropyl
H	acyl	Cl	NH <sub>2</sub>	F
H	acyl	Cl	NH <sub>2</sub>	Cl
H	acyl	Cl	NH <sub>2</sub>	Br
H	acyl	Cl	NH <sub>2</sub>	I
H	amino acid	Cl	NH <sub>2</sub>	H
H	amino acid	Cl	NH <sub>2</sub>	NH <sub>2</sub>
H	amino acid	Cl	NH <sub>2</sub>	NH-cyclopropyl
H	amino acid	Cl	NH <sub>2</sub>	NH-methyl
H	amino acid	Cl	NH <sub>2</sub>	NH-ethyl
H	amino acid	Cl	NH <sub>2</sub>	NH-acetyl
H	amino acid	Cl	NH <sub>2</sub>	OH
H	amino acid	Cl	NH <sub>2</sub>	OMe
H	amino acid	Cl	NH <sub>2</sub>	OEt
H	amino acid	Cl	NH <sub>2</sub>	O-cyclopropyl
H	amino acid	Cl	NH <sub>2</sub>	O-acetyl
H	amino acid	Cl	NH <sub>2</sub>	SH
H	amino acid	Cl	NH <sub>2</sub>	SMe
H	amino acid	Cl	NH <sub>2</sub>	SEt
H	amino acid	Cl	NH <sub>2</sub>	S-cyclopropyl
H	amino acid	Cl	NH <sub>2</sub>	F
H	amino acid	Cl	NH <sub>2</sub>	Cl
H	amino acid	Cl	NH <sub>2</sub>	Br
H	amino acid	Cl	NH <sub>2</sub>	I
amino acid	amino acid	Cl	NH <sub>2</sub>	H
amino acid	amino acid	Cl	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	amino acid	Cl	NH <sub>2</sub>	NH-cyclopropyl
amino acid	amino acid	Cl	NH <sub>2</sub>	NH-methyl
amino acid	amino acid	Cl	NH <sub>2</sub>	NH-ethyl
amino acid	amino acid	Cl	NH <sub>2</sub>	NH-acetyl
amino acid	amino acid	Cl	NH <sub>2</sub>	OH
amino acid	amino acid	Cl	NH <sub>2</sub>	OMe
amino acid	amino acid	Cl	NH <sub>2</sub>	OEt
amino acid	amino acid	Cl	NH <sub>2</sub>	O-cyclopropyl
amino acid	amino acid	Cl	NH <sub>2</sub>	O-acetyl
amino acid	amino acid	Cl	NH <sub>2</sub>	SH
amino acid	amino acid	Cl	NH <sub>2</sub>	SMe
amino acid	amino acid	Cl	NH <sub>2</sub>	SEt
amino acid	amino acid	Cl	NH <sub>2</sub>	S-cyclopropyl
amino acid	amino acid	Cl	NH <sub>2</sub>	F
amino acid	amino acid	Cl	NH <sub>2</sub>	Cl
amino acid	amino acid	Cl	NH <sub>2</sub>	Br
amino acid	amino acid	Cl	NH <sub>2</sub>	I
amino acid	H	Cl	NH <sub>2</sub>	H
amino acid	H	Cl	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	H	Cl	NH <sub>2</sub>	NH-cyclopropyl
amino acid	H	Cl	NH <sub>2</sub>	NH-methyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	Cl	NH <sub>2</sub>	NH-ethyl
amino acid	H	Cl	NH <sub>2</sub>	NH-acetyl
amino acid	H	Cl	NH <sub>2</sub>	OH
amino acid	H	Cl	NH <sub>2</sub>	OMe
amino acid	H	Cl	NH <sub>2</sub>	OEt
amino acid	H	Cl	NH <sub>2</sub>	O-cyclopropyl
amino acid	H	Cl	NH <sub>2</sub>	O-acetyl
amino acid	H	Cl	NH <sub>2</sub>	SH
amino acid	H	Cl	NH <sub>2</sub>	SMe
amino acid	H	Cl	NH <sub>2</sub>	SEt
amino acid	H	Cl	NH <sub>2</sub>	S-cyclopropyl
amino acid	H	Cl	NH <sub>2</sub>	F
amino acid	H	Cl	NH <sub>2</sub>	Cl
amino acid	H	Cl	NH <sub>2</sub>	Br
amino acid	H	Cl	NH <sub>2</sub>	I
amino acid	acyl	Cl	NH <sub>2</sub>	H
amino acid	acyl	Cl	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	acyl	Cl	NH <sub>2</sub>	NH-cyclopropyl
amino acid	acyl	Cl	NH <sub>2</sub>	NH-methyl
amino acid	acyl	Cl	NH <sub>2</sub>	NH-ethyl
amino acid	acyl	Cl	NH <sub>2</sub>	NH-acetyl
amino acid	acyl	Cl	NH <sub>2</sub>	OH
amino acid	acyl	Cl	NH <sub>2</sub>	OMe
amino acid	acyl	Cl	NH <sub>2</sub>	OEt
amino acid	acyl	Cl	NH <sub>2</sub>	O-cyclopropyl
amino acid	acyl	Cl	NH <sub>2</sub>	O-acetyl
amino acid	acyl	Cl	NH <sub>2</sub>	SH
amino acid	acyl	Cl	NH <sub>2</sub>	SMe
amino acid	acyl	Cl	NH <sub>2</sub>	SEt
amino acid	acyl	Cl	NH <sub>2</sub>	S-cyclopropyl
amino acid	acyl	Cl	NH <sub>2</sub>	F
amino acid	acyl	Cl	NH <sub>2</sub>	Cl
amino acid	acyl	Cl	NH <sub>2</sub>	Br
amino acid	acyl	Cl	NH <sub>2</sub>	I
acyl	H	SH	NH <sub>2</sub>	H
acyl	H	SH	NH <sub>2</sub>	NH <sub>2</sub>
acyl	H	SH	NH <sub>2</sub>	NH-cyclopropyl
acyl	H	SH	NH <sub>2</sub>	NH-methyl
acyl	H	SH	NH <sub>2</sub>	NH-ethyl
acyl	H	SH	NH <sub>2</sub>	NH-acetyl
acyl	H	SH	NH <sub>2</sub>	OH
acyl	H	SH	NH <sub>2</sub>	OMe
acyl	H	SH	NH <sub>2</sub>	OEt
acyl	H	SH	NH <sub>2</sub>	O-cyclopropyl
acyl	H	SH	NH <sub>2</sub>	O-acetyl
acyl	H	SH	NH <sub>2</sub>	SH
acyl	H	SH	NH <sub>2</sub>	SMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	SH	NH <sub>2</sub>	SEt
acyl	H	SH	NH <sub>2</sub>	S-cyclopropyl
acyl	H	SH	NH <sub>2</sub>	F
acyl	H	SH	NH <sub>2</sub>	Cl
acyl	H	SH	NH <sub>2</sub>	Br
acyl	H	SH	NH <sub>2</sub>	I
acyl	acyl	SH	NH <sub>2</sub>	H
acyl	acyl	SH	NH <sub>2</sub>	NH <sub>2</sub>
acyl	acyl	SH	NH <sub>2</sub>	NH-cyclopropyl
acyl	acyl	SH	NH <sub>2</sub>	NH-methyl
acyl	acyl	SH	NH <sub>2</sub>	NH-ethyl
acyl	acyl	SH	NH <sub>2</sub>	NH-acetyl
acyl	acyl	SH	NH <sub>2</sub>	OH
acyl	acyl	SH	NH <sub>2</sub>	OMe
acyl	acyl	SH	NH <sub>2</sub>	OEt
acyl	acyl	SH	NH <sub>2</sub>	O-cyclopropyl
acyl	acyl	SH	NH <sub>2</sub>	O-acetyl
acyl	acyl	SH	NH <sub>2</sub>	SH
acyl	acyl	SH	NH <sub>2</sub>	SMe
acyl	acyl	SH	NH <sub>2</sub>	SEt
acyl	acyl	SH	NH <sub>2</sub>	S-cyclopropyl
acyl	acyl	SH	NH <sub>2</sub>	F
acyl	acyl	SH	NH <sub>2</sub>	Cl
acyl	acyl	SH	NH <sub>2</sub>	Br
acyl	acyl	SH	NH <sub>2</sub>	I
acyl	amino acid	SH	NH <sub>2</sub>	H
acyl	amino acid	SH	NH <sub>2</sub>	NH <sub>2</sub>
acyl	amino acid	SH	NH <sub>2</sub>	NH-cyclopropyl
acyl	amino acid	SH	NH <sub>2</sub>	NH-methyl
acyl	amino acid	SH	NH <sub>2</sub>	NH-ethyl
acyl	amino acid	SH	NH <sub>2</sub>	NH-acetyl
acyl	amino acid	SH	NH <sub>2</sub>	OH
acyl	amino acid	SH	NH <sub>2</sub>	OMe
acyl	amino acid	SH	NH <sub>2</sub>	OEt
acyl	amino acid	SH	NH <sub>2</sub>	O-cyclopropyl
acyl	amino acid	SH	NH <sub>2</sub>	O-acetyl
acyl	amino acid	SH	NH <sub>2</sub>	SH
acyl	amino acid	SH	NH <sub>2</sub>	SMe
acyl	amino acid	SH	NH <sub>2</sub>	SEt
acyl	amino acid	SH	NH <sub>2</sub>	S-cyclopropyl
acyl	amino acid	SH	NH <sub>2</sub>	F
acyl	amino acid	SH	NH <sub>2</sub>	Cl
acyl	amino acid	SH	NH <sub>2</sub>	Br
acyl	amino acid	SH	NH <sub>2</sub>	I
H	acyl	SH	NH <sub>2</sub>	H
H	acyl	SH	NH <sub>2</sub>	NH <sub>2</sub>
H	acyl	SH	NH <sub>2</sub>	NH-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	SH	NH <sub>2</sub>	NH-methyl
H	acyl	SH	NH <sub>2</sub>	NH-ethyl
H	acyl	SH	NH <sub>2</sub>	NH-acetyl
H	acyl	SH	NH <sub>2</sub>	OH
H	acyl	SH	NH <sub>2</sub>	OMe
H	acyl	SH	NH <sub>2</sub>	OEt
H	acyl	SH	NH <sub>2</sub>	O-cyclopropyl
H	acyl	SH	NH <sub>2</sub>	O-acetyl
H	acyl	SH	NH <sub>2</sub>	SH
H	acyl	SH	NH <sub>2</sub>	SMe
H	acyl	SH	NH <sub>2</sub>	SEt
H	acyl	SH	NH <sub>2</sub>	S-cyclopropyl
H	acyl	SH	NH <sub>2</sub>	F
H	acyl	SH	NH <sub>2</sub>	Cl
H	acyl	SH	NH <sub>2</sub>	Br
H	acyl	SH	NH <sub>2</sub>	I
H	amino acid	SH	NH <sub>2</sub>	H
H	amino acid	SH	NH <sub>2</sub>	NH <sub>2</sub>
H	amino acid	SH	NH <sub>2</sub>	NH-cyclopropyl
H	amino acid	SH	NH <sub>2</sub>	NH-methyl
H	amino acid	SH	NH <sub>2</sub>	NH-ethyl
H	amino acid	SH	NH <sub>2</sub>	NH-acetyl
H	amino acid	SH	NH <sub>2</sub>	OH
H	amino acid	SH	NH <sub>2</sub>	OMe
H	amino acid	SH	NH <sub>2</sub>	OEt
H	amino acid	SH	NH <sub>2</sub>	O-cyclopropyl
H	amino acid	SH	NH <sub>2</sub>	O-acetyl
H	amino acid	SH	NH <sub>2</sub>	SH
H	amino acid	SH	NH <sub>2</sub>	SMe
H	amino acid	SH	NH <sub>2</sub>	SEt
H	amino acid	SH	NH <sub>2</sub>	S-cyclopropyl
H	amino acid	SH	NH <sub>2</sub>	F
H	amino acid	SH	NH <sub>2</sub>	Cl
H	amino acid	SH	NH <sub>2</sub>	Br
H	amino acid	SH	NH <sub>2</sub>	I
amino acid	amino acid	SH	NH <sub>2</sub>	H
amino acid	amino acid	SH	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	amino acid	SH	NH <sub>2</sub>	NH-cyclopropyl
amino acid	amino acid	SH	NH <sub>2</sub>	NH-methyl
amino acid	amino acid	SH	NH <sub>2</sub>	NH-ethyl
amino acid	amino acid	SH	NH <sub>2</sub>	NH-acetyl
amino acid	amino acid	SH	NH <sub>2</sub>	OH
amino acid	amino acid	SH	NH <sub>2</sub>	OMe
amino acid	amino acid	SH	NH <sub>2</sub>	OEt
amino acid	amino acid	SH	NH <sub>2</sub>	O-cyclopropyl
amino acid	amino acid	SH	NH <sub>2</sub>	O-acetyl
amino acid	amino acid	SH	NH <sub>2</sub>	SH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	SH	NH <sub>2</sub>	SMe
amino acid	amino acid	SH	NH <sub>2</sub>	SEt
amino acid	amino acid	SH	NH <sub>2</sub>	S-cyclopropyl
amino acid	amino acid	SH	NH <sub>2</sub>	F
amino acid	amino acid	SH	NH <sub>2</sub>	Cl
amino acid	amino acid	SH	NH <sub>2</sub>	Br
amino acid	amino acid	SH	NH <sub>2</sub>	I
amino acid	H	SH	NH <sub>2</sub>	H
amino acid	H	SH	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	H	SH	NH <sub>2</sub>	NH-cyclopropyl
amino acid	H	SH	NH <sub>2</sub>	NH-methyl
amino acid	H	SH	NH <sub>2</sub>	NH-ethyl
amino acid	H	SH	NH <sub>2</sub>	NH-acetyl
amino acid	H	SH	NH <sub>2</sub>	OH
amino acid	H	SH	NH <sub>2</sub>	OMe
amino acid	H	SH	NH <sub>2</sub>	OEt
amino acid	H	SH	NH <sub>2</sub>	O-cyclopropyl
amino acid	H	SH	NH <sub>2</sub>	O-acetyl
amino acid	H	SH	NH <sub>2</sub>	SH
amino acid	H	SH	NH <sub>2</sub>	SMe
amino acid	H	SH	NH <sub>2</sub>	SEt
amino acid	H	SH	NH <sub>2</sub>	S-cyclopropyl
amino acid	H	SH	NH <sub>2</sub>	F
amino acid	H	SH	NH <sub>2</sub>	Cl
amino acid	H	SH	NH <sub>2</sub>	Br
amino acid	H	SH	NH <sub>2</sub>	I
amino acid	acyl	SH	NH <sub>2</sub>	H
amino acid	acyl	SH	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	acyl	SH	NH <sub>2</sub>	NH-cyclopropyl
amino acid	acyl	SH	NH <sub>2</sub>	NH-methyl
amino acid	acyl	SH	NH <sub>2</sub>	NH-ethyl
amino acid	acyl	SH	NH <sub>2</sub>	NH-acetyl
amino acid	acyl	SH	NH <sub>2</sub>	OH
amino acid	acyl	SH	NH <sub>2</sub>	OMe
amino acid	acyl	SH	NH <sub>2</sub>	OEt
amino acid	acyl	SH	NH <sub>2</sub>	O-cyclopropyl
amino acid	acyl	SH	NH <sub>2</sub>	O-acetyl
amino acid	acyl	SH	NH <sub>2</sub>	SH
amino acid	acyl	SH	NH <sub>2</sub>	SMe
amino acid	acyl	SH	NH <sub>2</sub>	SEt
amino acid	acyl	SH	NH <sub>2</sub>	S-cyclopropyl
amino acid	acyl	SH	NH <sub>2</sub>	F
amino acid	acyl	SH	NH <sub>2</sub>	Cl
amino acid	acyl	SH	NH <sub>2</sub>	Br
amino acid	acyl	SH	NH <sub>2</sub>	I
acyl	H	Br	NH <sub>2</sub>	H
acyl	H	Br	NH <sub>2</sub>	NH <sub>2</sub>

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	Br	NH <sub>2</sub>	NH-cyclopropyl
acyl	H	Br	NH <sub>2</sub>	NH-methyl
acyl	H	Br	NH <sub>2</sub>	NH-ethyl
acyl	H	Br	NH <sub>2</sub>	NH-acetyl
acyl	H	Br	NH <sub>2</sub>	OH
acyl	H	Br	NH <sub>2</sub>	OMe
acyl	H	Br	NH <sub>2</sub>	OEt
acyl	H	Br	NH <sub>2</sub>	O-cyclopropyl
acyl	H	Br	NH <sub>2</sub>	O-acetyl
acyl	H	Br	NH <sub>2</sub>	SH
acyl	H	Br	NH <sub>2</sub>	SMe
acyl	H	Br	NH <sub>2</sub>	SEt
acyl	H	Br	NH <sub>2</sub>	S-cyclopropyl
acyl	H	Br	NH <sub>2</sub>	F
acyl	H	Br	NH <sub>2</sub>	Cl
acyl	H	Br	NH <sub>2</sub>	Br
acyl	H	Br	NH <sub>2</sub>	I
acyl	acyl	Br	NH <sub>2</sub>	H
acyl	acyl	Br	NH <sub>2</sub>	NH <sub>2</sub>
acyl	acyl	Br	NH <sub>2</sub>	NH-cyclopropyl
acyl	acyl	Br	NH <sub>2</sub>	NH-methyl
acyl	acyl	Br	NH <sub>2</sub>	NH-ethyl
acyl	acyl	Br	NH <sub>2</sub>	NH-acetyl
acyl	acyl	Br	NH <sub>2</sub>	OH
acyl	acyl	Br	NH <sub>2</sub>	OMe
acyl	acyl	Br	NH <sub>2</sub>	OEt
acyl	acyl	Br	NH <sub>2</sub>	O-cyclopropyl
acyl	acyl	Br	NH <sub>2</sub>	O-acetyl
acyl	acyl	Br	NH <sub>2</sub>	SH
acyl	acyl	Br	NH <sub>2</sub>	SMe
acyl	acyl	Br	NH <sub>2</sub>	SEt
acyl	acyl	Br	NH <sub>2</sub>	S-cyclopropyl
acyl	acyl	Br	NH <sub>2</sub>	F
acyl	acyl	Br	NH <sub>2</sub>	Cl
acyl	acyl	Br	NH <sub>2</sub>	Br
acyl	acyl	Br	NH <sub>2</sub>	I
acyl	amino acid	Br	NH <sub>2</sub>	H
acyl	amino acid	Br	NH <sub>2</sub>	NH <sub>2</sub>
acyl	amino acid	Br	NH <sub>2</sub>	NH-cyclopropyl
acyl	amino acid	Br	NH <sub>2</sub>	NH-methyl
acyl	amino acid	Br	NH <sub>2</sub>	NH-ethyl
acyl	amino acid	Br	NH <sub>2</sub>	NH-acetyl
acyl	amino acid	Br	NH <sub>2</sub>	OH
acyl	amino acid	Br	NH <sub>2</sub>	OMe
acyl	amino acid	Br	NH <sub>2</sub>	OEt
acyl	amino acid	Br	NH <sub>2</sub>	O-cyclopropyl
acyl	amino acid	Br	NH <sub>2</sub>	O-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	Br	NH <sub>2</sub>	SH
acyl	amino acid	Br	NH <sub>2</sub>	SMe
acyl	amino acid	Br	NH <sub>2</sub>	SEt
acyl	amino acid	Br	NH <sub>2</sub>	S-cyclopropyl
acyl	amino acid	Br	NH <sub>2</sub>	F
acyl	amino acid	Br	NH <sub>2</sub>	Cl
acyl	amino acid	Br	NH <sub>2</sub>	Br
acyl	amino acid	Br	NH <sub>2</sub>	I
H	acyl	Br	NH <sub>2</sub>	H
H	acyl	Br	NH <sub>2</sub>	NH <sub>2</sub>
H	acyl	Br	NH <sub>2</sub>	NH-cyclopropyl
H	acyl	Br	NH <sub>2</sub>	NH-methyl
H	acyl	Br	NH <sub>2</sub>	NH-ethyl
H	acyl	Br	NH <sub>2</sub>	NH-acetyl
H	acyl	Br	NH <sub>2</sub>	OH
H	acyl	Br	NH <sub>2</sub>	OMe
H	acyl	Br	NH <sub>2</sub>	OEt
H	acyl	Br	NH <sub>2</sub>	O-cyclopropyl
H	acyl	Br	NH <sub>2</sub>	O-acetyl
H	acyl	Br	NH <sub>2</sub>	SH
H	acyl	Br	NH <sub>2</sub>	SMe
H	acyl	Br	NH <sub>2</sub>	SEt
H	acyl	Br	NH <sub>2</sub>	S-cyclopropyl
H	acyl	Br	NH <sub>2</sub>	F
H	acyl	Br	NH <sub>2</sub>	Cl
H	acyl	Br	NH <sub>2</sub>	Br
H	acyl	Br	NH <sub>2</sub>	I
H	amino acid	Br	NH <sub>2</sub>	H
H	amino acid	Br	NH <sub>2</sub>	NH <sub>2</sub>
H	amino acid	Br	NH <sub>2</sub>	NH-cyclopropyl
H	amino acid	Br	NH <sub>2</sub>	NH-methyl
H	amino acid	Br	NH <sub>2</sub>	NH-ethyl
H	amino acid	Br	NH <sub>2</sub>	NH-acetyl
H	amino acid	Br	NH <sub>2</sub>	OH
H	amino acid	Br	NH <sub>2</sub>	OMe
H	amino acid	Br	NH <sub>2</sub>	OEt
H	amino acid	Br	NH <sub>2</sub>	O-cyclopropyl
H	amino acid	Br	NH <sub>2</sub>	O-acetyl
H	amino acid	Br	NH <sub>2</sub>	SH
H	amino acid	Br	NH <sub>2</sub>	SMe
H	amino acid	Br	NH <sub>2</sub>	SEt
H	amino acid	Br	NH <sub>2</sub>	S-cyclopropyl
H	amino acid	Br	NH <sub>2</sub>	F
H	amino acid	Br	NH <sub>2</sub>	Cl
H	amino acid	Br	NH <sub>2</sub>	Br
H	amino acid	Br	NH <sub>2</sub>	I
amino acid	amino acid	Br	NH <sub>2</sub>	H

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	Br	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	amino acid	Br	NH <sub>2</sub>	NH-cyclopropyl
amino acid	amino acid	Br	NH <sub>2</sub>	NH-methyl
amino acid	amino acid	Br	NH <sub>2</sub>	NH-ethyl
amino acid	amino acid	Br	NH <sub>2</sub>	NH-acetyl
amino acid	amino acid	Br	NH <sub>2</sub>	OH
amino acid	amino acid	Br	NH <sub>2</sub>	OMe
amino acid	amino acid	Br	NH <sub>2</sub>	OEt
amino acid	amino acid	Br	NH <sub>2</sub>	O-cyclopropyl
amino acid	amino acid	Br	NH <sub>2</sub>	O-acetyl
amino acid	amino acid	Br	NH <sub>2</sub>	SH
amino acid	amino acid	Br	NH <sub>2</sub>	SMe
amino acid	amino acid	Br	NH <sub>2</sub>	SEt
amino acid	amino acid	Br	NH <sub>2</sub>	S-cyclopropyl
amino acid	amino acid	Br	NH <sub>2</sub>	F
amino acid	amino acid	Br	NH <sub>2</sub>	Cl
amino acid	amino acid	Br	NH <sub>2</sub>	Br
amino acid	amino acid	Br	NH <sub>2</sub>	I
amino acid	H	Br	NH <sub>2</sub>	H
amino acid	H	Br	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	H	Br	NH <sub>2</sub>	NH-cyclopropyl
amino acid	H	Br	NH <sub>2</sub>	NH-methyl
amino acid	H	Br	NH <sub>2</sub>	NH-ethyl
amino acid	H	Br	NH <sub>2</sub>	NH-acetyl
amino acid	H	Br	NH <sub>2</sub>	OH
amino acid	H	Br	NH <sub>2</sub>	OMe
amino acid	H	Br	NH <sub>2</sub>	OEt
amino acid	H	Br	NH <sub>2</sub>	O-cyclopropyl
amino acid	H	Br	NH <sub>2</sub>	O-acetyl
amino acid	H	Br	NH <sub>2</sub>	SH
amino acid	H	Br	NH <sub>2</sub>	SMe
amino acid	H	Br	NH <sub>2</sub>	SEt
amino acid	H	Br	NH <sub>2</sub>	S-cyclopropyl
amino acid	H	Br	NH <sub>2</sub>	F
amino acid	H	Br	NH <sub>2</sub>	Cl
amino acid	H	Br	NH <sub>2</sub>	Br
amino acid	H	Br	NH <sub>2</sub>	I
amino acid	acyl	Br	NH <sub>2</sub>	H
amino acid	acyl	Br	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	acyl	Br	NH <sub>2</sub>	NH-cyclopropyl
amino acid	acyl	Br	NH <sub>2</sub>	NH-methyl
amino acid	acyl	Br	NH <sub>2</sub>	NH-ethyl
amino acid	acyl	Br	NH <sub>2</sub>	NH-acetyl
amino acid	acyl	Br	NH <sub>2</sub>	OH
amino acid	acyl	Br	NH <sub>2</sub>	OMe
amino acid	acyl	Br	NH <sub>2</sub>	OEt
amino acid	acyl	Br	NH <sub>2</sub>	O-cyclopropyl



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	Br	NH <sub>2</sub>	O-acetyl
amino acid	acyl	Br	NH <sub>2</sub>	SH
amino acid	acyl	Br	NH <sub>2</sub>	SMe
amino acid	acyl	Br	NH <sub>2</sub>	SEt
amino acid	acyl	Br	NH <sub>2</sub>	S-cyclopropyl
amino acid	acyl	Br	NH <sub>2</sub>	F
amino acid	acyl	Br	NH <sub>2</sub>	Cl
amino acid	acyl	Br	NH <sub>2</sub>	Br
amino acid	acyl	Br	NH <sub>2</sub>	I
acyl	H	F	NH <sub>2</sub>	H
acyl	H	F	NH <sub>2</sub>	NH <sub>2</sub>
acyl	H	F	NH <sub>2</sub>	NH-cyclopropyl
acyl	H	F	NH <sub>2</sub>	NH-methyl
acyl	H	F	NH <sub>2</sub>	NH-ethyl
acyl	H	F	NH <sub>2</sub>	NH-acetyl
acyl	H	F	NH <sub>2</sub>	OH
acyl	H	F	NH <sub>2</sub>	OMe
acyl	H	F	NH <sub>2</sub>	OEt
acyl	H	F	NH <sub>2</sub>	O-cyclopropyl
acyl	H	F	NH <sub>2</sub>	O-acetyl
acyl	H	F	NH <sub>2</sub>	SH
acyl	H	F	NH <sub>2</sub>	SMe
acyl	H	F	NH <sub>2</sub>	SEt
acyl	H	F	NH <sub>2</sub>	S-cyclopropyl
acyl	H	F	NH <sub>2</sub>	F
acyl	H	F	NH <sub>2</sub>	Cl
acyl	H	F	NH <sub>2</sub>	Br
acyl	H	F	NH <sub>2</sub>	I
acyl	acyl	F	NH <sub>2</sub>	H
acyl	acyl	F	NH <sub>2</sub>	NH <sub>2</sub>
acyl	acyl	F	NH <sub>2</sub>	NH-cyclopropyl
acyl	acyl	F	NH <sub>2</sub>	NH-methyl
acyl	acyl	F	NH <sub>2</sub>	NH-ethyl
acyl	acyl	F	NH <sub>2</sub>	NH-acetyl
acyl	acyl	F	NH <sub>2</sub>	OH
acyl	acyl	F	NH <sub>2</sub>	OMe
acyl	acyl	F	NH <sub>2</sub>	OEt
acyl	acyl	F	NH <sub>2</sub>	O-cyclopropyl
acyl	acyl	F	NH <sub>2</sub>	O-acetyl
acyl	acyl	F	NH <sub>2</sub>	SH
acyl	acyl	F	NH <sub>2</sub>	SMe
acyl	acyl	F	NH <sub>2</sub>	SEt
acyl	acyl	F	NH <sub>2</sub>	S-cyclopropyl
acyl	acyl	F	NH <sub>2</sub>	F
acyl	acyl	F	NH <sub>2</sub>	Cl
acyl	acyl	F	NH <sub>2</sub>	Br
acyl	acyl	F	NH <sub>2</sub>	I

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	F	NH <sub>2</sub>	H
acyl	amino acid	F	NH <sub>2</sub>	NH <sub>2</sub>
acyl	amino acid	F	NH <sub>2</sub>	NH-cyclopropyl
acyl	amino acid	F	NH <sub>2</sub>	NH-methyl
acyl	amino acid	F	NH <sub>2</sub>	NH-ethyl
acyl	amino acid	F	NH <sub>2</sub>	NH-acetyl
acyl	amino acid	F	NH <sub>2</sub>	OH
acyl	amino acid	F	NH <sub>2</sub>	OMe
acyl	amino acid	F	NH <sub>2</sub>	OEt
acyl	amino acid	F	NH <sub>2</sub>	O-cyclopropyl
acyl	amino acid	F	NH <sub>2</sub>	O-acetyl
acyl	amino acid	F	NH <sub>2</sub>	SH
acyl	amino acid	F	NH <sub>2</sub>	SMe
acyl	amino acid	F	NH <sub>2</sub>	SEt
acyl	amino acid	F	NH <sub>2</sub>	S-cyclopropyl
acyl	amino acid	F	NH <sub>2</sub>	F
acyl	amino acid	F	NH <sub>2</sub>	Cl
acyl	amino acid	F	NH <sub>2</sub>	Br
acyl	amino acid	F	NH <sub>2</sub>	I
H	acyl	F	NH <sub>2</sub>	H
H	acyl	F	NH <sub>2</sub>	NH <sub>2</sub>
H	acyl	F	NH <sub>2</sub>	NH-cyclopropyl
H	acyl	F	NH <sub>2</sub>	NH-methyl
H	acyl	F	NH <sub>2</sub>	NH-ethyl
H	acyl	F	NH <sub>2</sub>	NH-acetyl
H	acyl	F	NH <sub>2</sub>	OH
H	acyl	F	NH <sub>2</sub>	OMe
H	acyl	F	NH <sub>2</sub>	OEt
H	acyl	F	NH <sub>2</sub>	O-cyclopropyl
H	acyl	F	NH <sub>2</sub>	O-acetyl
H	acyl	F	NH <sub>2</sub>	SH
H	acyl	F	NH <sub>2</sub>	SMe
H	acyl	F	NH <sub>2</sub>	SEt
H	acyl	F	NH <sub>2</sub>	S-cyclopropyl
H	acyl	F	NH <sub>2</sub>	F
H	acyl	F	NH <sub>2</sub>	Cl
H	acyl	F	NH <sub>2</sub>	Br
H	acyl	F	NH <sub>2</sub>	I
H	amino acid	F	NH <sub>2</sub>	H
H	amino acid	F	NH <sub>2</sub>	NH <sub>2</sub>
H	amino acid	F	NH <sub>2</sub>	NH-cyclopropyl
H	amino acid	F	NH <sub>2</sub>	NH-methyl
H	amino acid	F	NH <sub>2</sub>	NH-ethyl
H	amino acid	F	NH <sub>2</sub>	NH-acetyl
H	amino acid	F	NH <sub>2</sub>	OH
H	amino acid	F	NH <sub>2</sub>	OMe
H	amino acid	F	NH <sub>2</sub>	OEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	F	NH <sub>2</sub>	O-cyclopropyl
H	amino acid	F	NH <sub>2</sub>	O-acetyl
H	amino acid	F	NH <sub>2</sub>	SH
H	amino acid	F	NH <sub>2</sub>	SMe
H	amino acid	F	NH <sub>2</sub>	SEt
H	amino acid	F	NH <sub>2</sub>	S-cyclopropyl
H	amino acid	F	NH <sub>2</sub>	F
H	amino acid	F	NH <sub>2</sub>	Cl
H	amino acid	F	NH <sub>2</sub>	Br
H	amino acid	F	NH <sub>2</sub>	I
amino acid	amino acid	F	NH <sub>2</sub>	H
amino acid	amino acid	F	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	amino acid	F	NH <sub>2</sub>	NH-cyclopropyl
amino acid	amino acid	F	NH <sub>2</sub>	NH-methyl
amino acid	amino acid	F	NH <sub>2</sub>	NH-ethyl
amino acid	amino acid	F	NH <sub>2</sub>	NH-acetyl
amino acid	amino acid	F	NH <sub>2</sub>	OH
amino acid	amino acid	F	NH <sub>2</sub>	OMe
amino acid	amino acid	F	NH <sub>2</sub>	OEt
amino acid	amino acid	F	NH <sub>2</sub>	O-cyclopropyl
amino acid	amino acid	F	NH <sub>2</sub>	O-acetyl
amino acid	amino acid	F	NH <sub>2</sub>	SH
amino acid	amino acid	F	NH <sub>2</sub>	SMe
amino acid	amino acid	F	NH <sub>2</sub>	SEt
amino acid	amino acid	F	NH <sub>2</sub>	S-cyclopropyl
amino acid	amino acid	F	NH <sub>2</sub>	F
amino acid	amino acid	F	NH <sub>2</sub>	Cl
amino acid	amino acid	F	NH <sub>2</sub>	Br
amino acid	amino acid	F	NH <sub>2</sub>	I
amino acid	H	F	NH <sub>2</sub>	H
amino acid	H	F	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	H	F	NH <sub>2</sub>	NH-cyclopropyl
amino acid	H	F	NH <sub>2</sub>	NH-methyl
amino acid	H	F	NH <sub>2</sub>	NH-ethyl
amino acid	H	F	NH <sub>2</sub>	NH-acetyl
amino acid	H	F	NH <sub>2</sub>	OH
amino acid	H	F	NH <sub>2</sub>	OMe
amino acid	H	F	NH <sub>2</sub>	OEt
amino acid	H	F	NH <sub>2</sub>	O-cyclopropyl
amino acid	H	F	NH <sub>2</sub>	O-acetyl
amino acid	H	F	NH <sub>2</sub>	SH
amino acid	H	F	NH <sub>2</sub>	SMe
amino acid	H	F	NH <sub>2</sub>	SEt
amino acid	H	F	NH <sub>2</sub>	S-cyclopropyl
amino acid	H	F	NH <sub>2</sub>	F
amino acid	H	F	NH <sub>2</sub>	Cl
amino acid	H	F	NH <sub>2</sub>	Br

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	F	NH <sub>2</sub>	I
amino acid	acyl	F	NH <sub>2</sub>	H
amino acid	acyl	F	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	acyl	F	NH <sub>2</sub>	NH-cyclopropyl
amino acid	acyl	F	NH <sub>2</sub>	NH-methyl
amino acid	acyl	F	NH <sub>2</sub>	NH-ethyl
amino acid	acyl	F	NH <sub>2</sub>	NH-acetyl
amino acid	acyl	F	NH <sub>2</sub>	OH
amino acid	acyl	F	NH <sub>2</sub>	OMe
amino acid	acyl	F	NH <sub>2</sub>	OEt
amino acid	acyl	F	NH <sub>2</sub>	O-cyclopropyl
amino acid	acyl	F	NH <sub>2</sub>	O-acetyl
amino acid	acyl	F	NH <sub>2</sub>	SH
amino acid	acyl	F	NH <sub>2</sub>	SMe
amino acid	acyl	F	NH <sub>2</sub>	SEt
amino acid	acyl	F	NH <sub>2</sub>	S-cyclopropyl
amino acid	acyl	F	NH <sub>2</sub>	F
amino acid	acyl	F	NH <sub>2</sub>	Cl
amino acid	acyl	F	NH <sub>2</sub>	Br
amino acid	acyl	F	NH <sub>2</sub>	I
acyl	H	NH <sub>2</sub>	F	H
acyl	H	NH <sub>2</sub>	F	NH <sub>2</sub>
acyl	H	NH <sub>2</sub>	F	NH-cyclopropyl
acyl	H	NH <sub>2</sub>	F	NH-methyl
acyl	H	NH <sub>2</sub>	F	NH-ethyl
acyl	H	NH <sub>2</sub>	F	NH-acetyl
acyl	H	NH <sub>2</sub>	F	OH
acyl	H	NH <sub>2</sub>	F	OMe
acyl	H	NH <sub>2</sub>	F	OEt
acyl	H	NH <sub>2</sub>	F	O-cyclopropyl
acyl	H	NH <sub>2</sub>	F	O-acetyl
acyl	H	NH <sub>2</sub>	F	SH
acyl	H	NH <sub>2</sub>	F	SMe
acyl	H	NH <sub>2</sub>	F	SEt
acyl	H	NH <sub>2</sub>	F	S-cyclopropyl
acyl	H	NH <sub>2</sub>	F	F
acyl	H	NH <sub>2</sub>	F	Cl
acyl	H	NH <sub>2</sub>	F	Br
acyl	H	NH <sub>2</sub>	F	I
acyl	acyl	NH <sub>2</sub>	F	H
acyl	acyl	NH <sub>2</sub>	F	NH <sub>2</sub>
acyl	acyl	NH <sub>2</sub>	F	NH-cyclopropyl
acyl	acyl	NH <sub>2</sub>	F	NH-methyl
acyl	acyl	NH <sub>2</sub>	F	NH-ethyl
acyl	acyl	NH <sub>2</sub>	F	NH-acetyl
acyl	acyl	NH <sub>2</sub>	F	OH
acyl	acyl	NH <sub>2</sub>	F	OMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	NH <sub>2</sub>	F	OEt
acyl	acyl	NH <sub>2</sub>	F	O-cyclopropyl
acyl	acyl	NH <sub>2</sub>	F	O-acetyl
acyl	acyl	NH <sub>2</sub>	F	SH
acyl	acyl	NH <sub>2</sub>	F	SMe
acyl	acyl	NH <sub>2</sub>	F	SEt
acyl	acyl	NH <sub>2</sub>	F	S-cyclopropyl
acyl	acyl	NH <sub>2</sub>	F	F
acyl	acyl	NH <sub>2</sub>	F	Cl
acyl	acyl	NH <sub>2</sub>	F	Br
acyl	acyl	NH <sub>2</sub>	F	I
acyl	amino acid	NH <sub>2</sub>	F	H
acyl	amino acid	NH <sub>2</sub>	F	NH <sub>2</sub>
acyl	amino acid	NH <sub>2</sub>	F	NH-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	F	NH-methyl
acyl	amino acid	NH <sub>2</sub>	F	NH-ethyl
acyl	amino acid	NH <sub>2</sub>	F	NH-acetyl
acyl	amino acid	NH <sub>2</sub>	F	OH
acyl	amino acid	NH <sub>2</sub>	F	OMe
acyl	amino acid	NH <sub>2</sub>	F	OEt
acyl	amino acid	NH <sub>2</sub>	F	O-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	F	O-acetyl
acyl	amino acid	NH <sub>2</sub>	F	SH
acyl	amino acid	NH <sub>2</sub>	F	SMe
acyl	amino acid	NH <sub>2</sub>	F	SEt
acyl	amino acid	NH <sub>2</sub>	F	S-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	F	F
acyl	amino acid	NH <sub>2</sub>	F	Cl
acyl	amino acid	NH <sub>2</sub>	F	Br
acyl	amino acid	NH <sub>2</sub>	F	I
H	acyl	NH <sub>2</sub>	F	H
H	acyl	NH <sub>2</sub>	F	NH <sub>2</sub>
H	acyl	NH <sub>2</sub>	F	NH-cyclopropyl
H	acyl	NH <sub>2</sub>	F	NH-methyl
H	acyl	NH <sub>2</sub>	F	NH-ethyl
H	acyl	NH <sub>2</sub>	F	NH-acetyl
H	acyl	NH <sub>2</sub>	F	OH
H	acyl	NH <sub>2</sub>	F	OMe
H	acyl	NH <sub>2</sub>	F	OEt
H	acyl	NH <sub>2</sub>	F	O-cyclopropyl
H	acyl	NH <sub>2</sub>	F	O-acetyl
H	acyl	NH <sub>2</sub>	F	SH
H	acyl	NH <sub>2</sub>	F	SMe
H	acyl	NH <sub>2</sub>	F	SEt
H	acyl	NH <sub>2</sub>	F	S-cyclopropyl
H	acyl	NH <sub>2</sub>	F	F
H	acyl	NH <sub>2</sub>	F	Cl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	NH <sub>2</sub>	F	Br
H	acyl	NH <sub>2</sub>	F	I
H	amino acid	NH <sub>2</sub>	F	H
H	amino acid	NH <sub>2</sub>	F	NH <sub>2</sub>
H	amino acid	NH <sub>2</sub>	F	NH-cyclopropyl
H	amino acid	NH <sub>2</sub>	F	NH-methyl
H	amino acid	NH <sub>2</sub>	F	NH-ethyl
H	amino acid	NH <sub>2</sub>	F	NH-acetyl
H	amino acid	NH <sub>2</sub>	F	OH
H	amino acid	NH <sub>2</sub>	F	OMe
H	amino acid	NH <sub>2</sub>	F	OEt
H	amino acid	NH <sub>2</sub>	F	O-cyclopropyl
H	amino acid	NH <sub>2</sub>	F	O-acetyl
H	amino acid	NH <sub>2</sub>	F	SH
H	amino acid	NH <sub>2</sub>	F	SMe
H	amino acid	NH <sub>2</sub>	F	SEt
H	amino acid	NH <sub>2</sub>	F	S-cyclopropyl
H	amino acid	NH <sub>2</sub>	F	F
H	amino acid	NH <sub>2</sub>	F	Cl
H	amino acid	NH <sub>2</sub>	F	Br
H	amino acid	NH <sub>2</sub>	F	I
amino acid	amino acid	NH <sub>2</sub>	F	H
amino acid	amino acid	NH <sub>2</sub>	F	NH <sub>2</sub>
amino acid	amino acid	NH <sub>2</sub>	F	NH-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	F	NH-methyl
amino acid	amino acid	NH <sub>2</sub>	F	NH-ethyl
amino acid	amino acid	NH <sub>2</sub>	F	NH-acetyl
amino acid	amino acid	NH <sub>2</sub>	F	OH
amino acid	amino acid	NH <sub>2</sub>	F	OMe
amino acid	amino acid	NH <sub>2</sub>	F	OEt
amino acid	amino acid	NH <sub>2</sub>	F	O-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	F	O-acetyl
amino acid	amino acid	NH <sub>2</sub>	F	SH
amino acid	amino acid	NH <sub>2</sub>	F	SMe
amino acid	amino acid	NH <sub>2</sub>	F	SEt
amino acid	amino acid	NH <sub>2</sub>	F	S-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	F	F
amino acid	amino acid	NH <sub>2</sub>	F	Cl
amino acid	amino acid	NH <sub>2</sub>	F	Br
amino acid	amino acid	NH <sub>2</sub>	F	I
amino acid	H	NH <sub>2</sub>	F	H
amino acid	H	NH <sub>2</sub>	F	NH <sub>2</sub>
amino acid	H	NH <sub>2</sub>	F	NH-cyclopropyl
amino acid	H	NH <sub>2</sub>	F	NH-methyl
amino acid	H	NH <sub>2</sub>	F	NH-ethyl
amino acid	H	NH <sub>2</sub>	F	NH-acetyl
amino acid	H	NH <sub>2</sub>	F	OH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	NH <sub>2</sub>	F	OMe
amino acid	H	NH <sub>2</sub>	F	OEt
amino acid	H	NH <sub>2</sub>	F	O-cyclopropyl
amino acid	H	NH <sub>2</sub>	F	O-acetyl
amino acid	H	NH <sub>2</sub>	F	SH
amino acid	H	NH <sub>2</sub>	F	SMe
amino acid	H	NH <sub>2</sub>	F	SEt
amino acid	H	NH <sub>2</sub>	F	S-cyclopropyl
amino acid	H	NH <sub>2</sub>	F	F
amino acid	H	NH <sub>2</sub>	F	Cl
amino acid	H	NH <sub>2</sub>	F	Br
amino acid	H	NH <sub>2</sub>	F	I
amino acid	acyl	NH <sub>2</sub>	F	H
amino acid	acyl	NH <sub>2</sub>	F	NH <sub>2</sub>
amino acid	acyl	NH <sub>2</sub>	F	NH-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	F	NH-methyl
amino acid	acyl	NH <sub>2</sub>	F	NH-ethyl
amino acid	acyl	NH <sub>2</sub>	F	NH-acetyl
amino acid	acyl	NH <sub>2</sub>	F	OH
amino acid	acyl	NH <sub>2</sub>	F	OMe
amino acid	acyl	NH <sub>2</sub>	F	OEt
amino acid	acyl	NH <sub>2</sub>	F	O-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	F	O-acetyl
amino acid	acyl	NH <sub>2</sub>	F	SH
amino acid	acyl	NH <sub>2</sub>	F	SMe
amino acid	acyl	NH <sub>2</sub>	F	SEt
amino acid	acyl	NH <sub>2</sub>	F	S-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	F	F
amino acid	acyl	NH <sub>2</sub>	F	Cl
amino acid	acyl	NH <sub>2</sub>	F	Br
amino acid	acyl	NH <sub>2</sub>	F	I
acyl	H	NH <sub>2</sub>	Br	H
acyl	H	NH <sub>2</sub>	Br	NH <sub>2</sub>
acyl	H	NH <sub>2</sub>	Br	NH-cyclopropyl
acyl	H	NH <sub>2</sub>	Br	NH-methyl
acyl	H	NH <sub>2</sub>	Br	NH-ethyl
acyl	H	NH <sub>2</sub>	Br	NH-acetyl
acyl	H	NH <sub>2</sub>	Br	OH
acyl	H	NH <sub>2</sub>	Br	OMe
acyl	H	NH <sub>2</sub>	Br	OEt
acyl	H	NH <sub>2</sub>	Br	O-cyclopropyl
acyl	H	NH <sub>2</sub>	Br	O-acetyl
acyl	H	NH <sub>2</sub>	Br	SH
acyl	H	NH <sub>2</sub>	Br	SMe
acyl	H	NH <sub>2</sub>	Br	SEt
acyl	H	NH <sub>2</sub>	Br	S-cyclopropyl
acyl	H	NH <sub>2</sub>	Br	F

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	NH <sub>2</sub>	Br	Cl
acyl	H	NH <sub>2</sub>	Br	Br
acyl	H	NH <sub>2</sub>	Br	I
acyl	acyl	NH <sub>2</sub>	Br	H
acyl	acyl	NH <sub>2</sub>	Br	NH <sub>2</sub>
acyl	acyl	NH <sub>2</sub>	Br	NH-cyclopropyl
acyl	acyl	NH <sub>2</sub>	Br	NH-methyl
acyl	acyl	NH <sub>2</sub>	Br	NH-ethyl
acyl	acyl	NH <sub>2</sub>	Br	NH-acetyl
acyl	acyl	NH <sub>2</sub>	Br	OH
acyl	acyl	NH <sub>2</sub>	Br	OMe
acyl	acyl	NH <sub>2</sub>	Br	OEt
acyl	acyl	NH <sub>2</sub>	Br	O-cyclopropyl
acyl	acyl	NH <sub>2</sub>	Br	O-acetyl
acyl	acyl	NH <sub>2</sub>	Br	SH
acyl	acyl	NH <sub>2</sub>	Br	SMe
acyl	acyl	NH <sub>2</sub>	Br	SEt
acyl	acyl	NH <sub>2</sub>	Br	S-cyclopropyl
acyl	acyl	NH <sub>2</sub>	Br	F
acyl	acyl	NH <sub>2</sub>	Br	Cl
acyl	acyl	NH <sub>2</sub>	Br	Br
acyl	acyl	NH <sub>2</sub>	Br	I
acyl	amino acid	NH <sub>2</sub>	Br	H
acyl	amino acid	NH <sub>2</sub>	Br	NH <sub>2</sub>
acyl	amino acid	NH <sub>2</sub>	Br	NH-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	Br	NH-methyl
acyl	amino acid	NH <sub>2</sub>	Br	NH-ethyl
acyl	amino acid	NH <sub>2</sub>	Br	NH-acetyl
acyl	amino acid	NH <sub>2</sub>	Br	OH
acyl	amino acid	NH <sub>2</sub>	Br	OMe
acyl	amino acid	NH <sub>2</sub>	Br	OEt
acyl	amino acid	NH <sub>2</sub>	Br	O-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	Br	O-acetyl
acyl	amino acid	NH <sub>2</sub>	Br	SH
acyl	amino acid	NH <sub>2</sub>	Br	SMe
acyl	amino acid	NH <sub>2</sub>	Br	SEt
acyl	amino acid	NH <sub>2</sub>	Br	S-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	Br	F
acyl	amino acid	NH <sub>2</sub>	Br	Cl
acyl	amino acid	NH <sub>2</sub>	Br	Br
acyl	amino acid	NH <sub>2</sub>	Br	I
H	acyl	NH <sub>2</sub>	Br	H
H	acyl	NH <sub>2</sub>	Br	NH <sub>2</sub>
H	acyl	NH <sub>2</sub>	Br	NH-cyclopropyl
H	acyl	NH <sub>2</sub>	Br	NH-methyl
H	acyl	NH <sub>2</sub>	Br	NH-ethyl
H	acyl	NH <sub>2</sub>	Br	NH-acetyl



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	NH <sub>2</sub>	Br	OH
H	acyl	NH <sub>2</sub>	Br	OMe
H	acyl	NH <sub>2</sub>	Br	OEt
H	acyl	NH <sub>2</sub>	Br	O-cyclopropyl
H	acyl	NH <sub>2</sub>	Br	O-acetyl
H	acyl	NH <sub>2</sub>	Br	SH
H	acyl	NH <sub>2</sub>	Br	SMe
H	acyl	NH <sub>2</sub>	Br	SEt
H	acyl	NH <sub>2</sub>	Br	S-cyclopropyl
H	acyl	NH <sub>2</sub>	Br	F
H	acyl	NH <sub>2</sub>	Br	Cl
H	acyl	NH <sub>2</sub>	Br	Br
H	acyl	NH <sub>2</sub>	Br	I
H	amino acid	NH <sub>2</sub>	Br	H
H	amino acid	NH <sub>2</sub>	Br	NH <sub>2</sub>
H	amino acid	NH <sub>2</sub>	Br	NH-cyclopropyl
H	amino acid	NH <sub>2</sub>	Br	NH-methyl
H	amino acid	NH <sub>2</sub>	Br	NH-ethyl
H	amino acid	NH <sub>2</sub>	Br	NH-acetyl
H	amino acid	NH <sub>2</sub>	Br	OH
H	amino acid	NH <sub>2</sub>	Br	OMe
H	amino acid	NH <sub>2</sub>	Br	OEt
H	amino acid	NH <sub>2</sub>	Br	O-cyclopropyl
H	amino acid	NH <sub>2</sub>	Br	O-acetyl
H	amino acid	NH <sub>2</sub>	Br	SH
H	amino acid	NH <sub>2</sub>	Br	SMe
H	amino acid	NH <sub>2</sub>	Br	SEt
H	amino acid	NH <sub>2</sub>	Br	S-cyclopropyl
H	amino acid	NH <sub>2</sub>	Br	F
H	amino acid	NH <sub>2</sub>	Br	Cl
H	amino acid	NH <sub>2</sub>	Br	Br
H	amino acid	NH <sub>2</sub>	Br	I
amino acid	amino acid	NH <sub>2</sub>	Br	H
amino acid	amino acid	NH <sub>2</sub>	Br	NH <sub>2</sub>
amino acid	amino acid	NH <sub>2</sub>	Br	NH-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	Br	NH-methyl
amino acid	amino acid	NH <sub>2</sub>	Br	NH-ethyl
amino acid	amino acid	NH <sub>2</sub>	Br	NH-acetyl
amino acid	amino acid	NH <sub>2</sub>	Br	OH
amino acid	amino acid	NH <sub>2</sub>	Br	OMe
amino acid	amino acid	NH <sub>2</sub>	Br	OEt
amino acid	amino acid	NH <sub>2</sub>	Br	O-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	Br	O-acetyl
amino acid	amino acid	NH <sub>2</sub>	Br	SH
amino acid	amino acid	NH <sub>2</sub>	Br	SMe
amino acid	amino acid	NH <sub>2</sub>	Br	SEt
amino acid	amino acid	NH <sub>2</sub>	Br	S-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	NH <sub>2</sub>	Br	F
amino acid	amino acid	NH <sub>2</sub>	Br	Cl
amino acid	amino acid	NH <sub>2</sub>	Br	Br
amino acid	amino acid	NH <sub>2</sub>	Br	I
amino acid	H	NH <sub>2</sub>	Br	H
amino acid	H	NH <sub>2</sub>	Br	NH <sub>2</sub>
amino acid	H	NH <sub>2</sub>	Br	NH-cyclopropyl
amino acid	H	NH <sub>2</sub>	Br	NH-methyl
amino acid	H	NH <sub>2</sub>	Br	NH-ethyl
amino acid	H	NH <sub>2</sub>	Br	NH-acetyl
amino acid	H	NH <sub>2</sub>	Br	OH
amino acid	H	NH <sub>2</sub>	Br	OMe
amino acid	H	NH <sub>2</sub>	Br	OEt
amino acid	H	NH <sub>2</sub>	Br	O-cyclopropyl
amino acid	H	NH <sub>2</sub>	Br	O-acetyl
amino acid	H	NH <sub>2</sub>	Br	SH
amino acid	H	NH <sub>2</sub>	Br	SMe
amino acid	H	NH <sub>2</sub>	Br	SEt
amino acid	H	NH <sub>2</sub>	Br	S-cyclopropyl
amino acid	H	NH <sub>2</sub>	Br	F
amino acid	H	NH <sub>2</sub>	Br	Cl
amino acid	H	NH <sub>2</sub>	Br	Br
amino acid	H	NH <sub>2</sub>	Br	I
amino acid	acyl	NH <sub>2</sub>	Br	H
amino acid	acyl	NH <sub>2</sub>	Br	NH <sub>2</sub>
amino acid	acyl	NH <sub>2</sub>	Br	NH-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	Br	NH-methyl
amino acid	acyl	NH <sub>2</sub>	Br	NH-ethyl
amino acid	acyl	NH <sub>2</sub>	Br	NH-acetyl
amino acid	acyl	NH <sub>2</sub>	Br	OH
amino acid	acyl	NH <sub>2</sub>	Br	OMe
amino acid	acyl	NH <sub>2</sub>	Br	OEt
amino acid	acyl	NH <sub>2</sub>	Br	O-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	Br	O-acetyl
amino acid	acyl	NH <sub>2</sub>	Br	SH
amino acid	acyl	NH <sub>2</sub>	Br	SMe
amino acid	acyl	NH <sub>2</sub>	Br	SEt
amino acid	acyl	NH <sub>2</sub>	Br	S-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	Br	F
amino acid	acyl	NH <sub>2</sub>	Br	Cl
amino acid	acyl	NH <sub>2</sub>	Br	Br
amino acid	acyl	NH <sub>2</sub>	Br	I
acyl	H	NH <sub>2</sub>	Cl	H
acyl	H	NH <sub>2</sub>	Cl	NH <sub>2</sub>
acyl	H	NH <sub>2</sub>	Cl	NH-cyclopropyl
acyl	H	NH <sub>2</sub>	Cl	NH-methyl
acyl	H	NH <sub>2</sub>	Cl	NH-ethyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	NH <sub>2</sub>	Cl	NH-acetyl
acyl	H	NH <sub>2</sub>	Cl	OH
acyl	H	NH <sub>2</sub>	Cl	OMe
acyl	H	NH <sub>2</sub>	Cl	OEt
acyl	H	NH <sub>2</sub>	Cl	O-cyclopropyl
acyl	H	NH <sub>2</sub>	Cl	O-acetyl
acyl	H	NH <sub>2</sub>	Cl	SH
acyl	H	NH <sub>2</sub>	Cl	SMe
acyl	H	NH <sub>2</sub>	Cl	SEt
acyl	H	NH <sub>2</sub>	Cl	S-cyclopropyl
acyl	H	NH <sub>2</sub>	Cl	F
acyl	H	NH <sub>2</sub>	Cl	Cl
acyl	H	NH <sub>2</sub>	Cl	Br
acyl	H	NH <sub>2</sub>	Cl	I
acyl	acyl	NH <sub>2</sub>	Cl	H
acyl	acyl	NH <sub>2</sub>	Cl	NH <sub>2</sub>
acyl	acyl	NH <sub>2</sub>	Cl	NH-cyclopropyl
acyl	acyl	NH <sub>2</sub>	Cl	NH-methyl
acyl	acyl	NH <sub>2</sub>	Cl	NH-ethyl
acyl	acyl	NH <sub>2</sub>	Cl	NH-acetyl
acyl	acyl	NH <sub>2</sub>	Cl	OH
acyl	acyl	NH <sub>2</sub>	Cl	OMe
acyl	acyl	NH <sub>2</sub>	Cl	OEt
acyl	acyl	NH <sub>2</sub>	Cl	O-cyclopropyl
acyl	acyl	NH <sub>2</sub>	Cl	O-acetyl
acyl	acyl	NH <sub>2</sub>	Cl	SH
acyl	acyl	NH <sub>2</sub>	Cl	SMe
acyl	acyl	NH <sub>2</sub>	Cl	SEt
acyl	acyl	NH <sub>2</sub>	Cl	S-cyclopropyl
acyl	acyl	NH <sub>2</sub>	Cl	F
acyl	acyl	NH <sub>2</sub>	Cl	Cl
acyl	acyl	NH <sub>2</sub>	Cl	Br
acyl	acyl	NH <sub>2</sub>	Cl	I
acyl	amino acid	NH <sub>2</sub>	Cl	H
acyl	amino acid	NH <sub>2</sub>	Cl	NH <sub>2</sub>
acyl	amino acid	NH <sub>2</sub>	Cl	NH-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	Cl	NH-methyl
acyl	amino acid	NH <sub>2</sub>	Cl	NH-ethyl
acyl	amino acid	NH <sub>2</sub>	Cl	NH-acetyl
acyl	amino acid	NH <sub>2</sub>	Cl	OH
acyl	amino acid	NH <sub>2</sub>	Cl	OMe
acyl	amino acid	NH <sub>2</sub>	Cl	OEt
acyl	amino acid	NH <sub>2</sub>	Cl	O-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	Cl	O-acetyl
acyl	amino acid	NH <sub>2</sub>	Cl	SH
acyl	amino acid	NH <sub>2</sub>	Cl	SMe
acyl	amino acid	NH <sub>2</sub>	Cl	SEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	NH <sub>2</sub>	Cl	S-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	Cl	F
acyl	amino acid	NH <sub>2</sub>	Cl	Cl
acyl	amino acid	NH <sub>2</sub>	Cl	Br
acyl	amino acid	NH <sub>2</sub>	Cl	I
H	acyl	NH <sub>2</sub>	Cl	H
H	acyl	NH <sub>2</sub>	Cl	NH <sub>2</sub>
H	acyl	NH <sub>2</sub>	Cl	NH-cyclopropyl
H	acyl	NH <sub>2</sub>	Cl	NH-methyl
H	acyl	NH <sub>2</sub>	Cl	NH-ethyl
H	acyl	NH <sub>2</sub>	Cl	NH-acetyl
H	acyl	NH <sub>2</sub>	Cl	OH
H	acyl	NH <sub>2</sub>	Cl	OMe
H	acyl	NH <sub>2</sub>	Cl	OEt
H	acyl	NH <sub>2</sub>	Cl	O-cyclopropyl
H	acyl	NH <sub>2</sub>	Cl	O-acetyl
H	acyl	NH <sub>2</sub>	Cl	SH
H	acyl	NH <sub>2</sub>	Cl	SMe
H	acyl	NH <sub>2</sub>	Cl	SEt
H	acyl	NH <sub>2</sub>	Cl	S-cyclopropyl
H	acyl	NH <sub>2</sub>	Cl	F
H	acyl	NH <sub>2</sub>	Cl	Cl
H	acyl	NH <sub>2</sub>	Cl	Br
H	acyl	NH <sub>2</sub>	Cl	I
H	amino acid	NH <sub>2</sub>	Cl	H
H	amino acid	NH <sub>2</sub>	Cl	NH <sub>2</sub>
H	amino acid	NH <sub>2</sub>	Cl	NH-cyclopropyl
H	amino acid	NH <sub>2</sub>	Cl	NH-methyl
H	amino acid	NH <sub>2</sub>	Cl	NH-ethyl
H	amino acid	NH <sub>2</sub>	Cl	NH-acetyl
H	amino acid	NH <sub>2</sub>	Cl	OH
H	amino acid	NH <sub>2</sub>	Cl	OMe
H	amino acid	NH <sub>2</sub>	Cl	OEt
H	amino acid	NH <sub>2</sub>	Cl	O-cyclopropyl
H	amino acid	NH <sub>2</sub>	Cl	O-acetyl
H	amino acid	NH <sub>2</sub>	Cl	SH
H	amino acid	NH <sub>2</sub>	Cl	SMe
H	amino acid	NH <sub>2</sub>	Cl	SEt
H	amino acid	NH <sub>2</sub>	Cl	S-cyclopropyl
H	amino acid	NH <sub>2</sub>	Cl	F
H	amino acid	NH <sub>2</sub>	Cl	Cl
H	amino acid	NH <sub>2</sub>	Cl	Br
H	amino acid	NH <sub>2</sub>	Cl	I
amino acid	amino acid	NH <sub>2</sub>	Cl	H
amino acid	amino acid	NH <sub>2</sub>	Cl	NH <sub>2</sub>
amino acid	amino acid	NH <sub>2</sub>	Cl	NH-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	Cl	NH-methyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	NH <sub>2</sub>	Cl	NH-ethyl
amino acid	amino acid	NH <sub>2</sub>	Cl	NH-acetyl
amino acid	amino acid	NH <sub>2</sub>	Cl	OH
amino acid	amino acid	NH <sub>2</sub>	Cl	OMe
amino acid	amino acid	NH <sub>2</sub>	Cl	OEt
amino acid	amino acid	NH <sub>2</sub>	Cl	O-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	Cl	O-acetyl
amino acid	amino acid	NH <sub>2</sub>	Cl	SH
amino acid	amino acid	NH <sub>2</sub>	Cl	SMe
amino acid	amino acid	NH <sub>2</sub>	Cl	SEt
amino acid	amino acid	NH <sub>2</sub>	Cl	S-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	Cl	F
amino acid	amino acid	NH <sub>2</sub>	Cl	Cl
amino acid	amino acid	NH <sub>2</sub>	Cl	Br
amino acid	amino acid	NH <sub>2</sub>	Cl	I
amino acid	H	NH <sub>2</sub>	Cl	H
amino acid	H	NH <sub>2</sub>	Cl	NH <sub>2</sub>
amino acid	H	NH <sub>2</sub>	Cl	NH-cyclopropyl
amino acid	H	NH <sub>2</sub>	Cl	NH-methyl
amino acid	H	NH <sub>2</sub>	Cl	NH-ethyl
amino acid	H	NH <sub>2</sub>	Cl	NH-acetyl
amino acid	H	NH <sub>2</sub>	Cl	OH
amino acid	H	NH <sub>2</sub>	Cl	OMe
amino acid	H	NH <sub>2</sub>	Cl	OEt
amino acid	H	NH <sub>2</sub>	Cl	O-cyclopropyl
amino acid	H	NH <sub>2</sub>	Cl	O-acetyl
amino acid	H	NH <sub>2</sub>	Cl	SH
amino acid	H	NH <sub>2</sub>	Cl	SMe
amino acid	H	NH <sub>2</sub>	Cl	SEt
amino acid	H	NH <sub>2</sub>	Cl	S-cyclopropyl
amino acid	H	NH <sub>2</sub>	Cl	F
amino acid	H	NH <sub>2</sub>	Cl	Cl
amino acid	H	NH <sub>2</sub>	Cl	Br
amino acid	H	NH <sub>2</sub>	Cl	I
amino acid	acyl	NH <sub>2</sub>	Cl	H
amino acid	acyl	NH <sub>2</sub>	Cl	NH <sub>2</sub>
amino acid	acyl	NH <sub>2</sub>	Cl	NH-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	Cl	NH-methyl
amino acid	acyl	NH <sub>2</sub>	Cl	NH-ethyl
amino acid	acyl	NH <sub>2</sub>	Cl	NH-acetyl
amino acid	acyl	NH <sub>2</sub>	Cl	OH
amino acid	acyl	NH <sub>2</sub>	Cl	OMe
amino acid	acyl	NH <sub>2</sub>	Cl	OEt
amino acid	acyl	NH <sub>2</sub>	Cl	O-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	Cl	O-acetyl
amino acid	acyl	NH <sub>2</sub>	Cl	SH
amino acid	acyl	NH <sub>2</sub>	Cl	SMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	NH <sub>2</sub>	Cl	SEt
amino acid	acyl	NH <sub>2</sub>	Cl	S-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	Cl	F
amino acid	acyl	NH <sub>2</sub>	Cl	Cl
amino acid	acyl	NH <sub>2</sub>	Cl	Br
amino acid	acyl	NH <sub>2</sub>	Cl	I
acyl	H	NH <sub>2</sub>	SH	H
acyl	H	NH <sub>2</sub>	SH	NH <sub>2</sub>
acyl	H	NH <sub>2</sub>	SH	NH-cyclopropyl
acyl	H	NH <sub>2</sub>	SH	NH-methyl
acyl	H	NH <sub>2</sub>	SH	NH-ethyl
acyl	H	NH <sub>2</sub>	SH	NH-acetyl
acyl	H	NH <sub>2</sub>	SH	OH
acyl	H	NH <sub>2</sub>	SH	OMe
acyl	H	NH <sub>2</sub>	SH	OEt
acyl	H	NH <sub>2</sub>	SH	O-cyclopropyl
acyl	H	NH <sub>2</sub>	SH	O-acetyl
acyl	H	NH <sub>2</sub>	SH	SH
acyl	H	NH <sub>2</sub>	SH	SMe
acyl	H	NH <sub>2</sub>	SH	SEt
acyl	H	NH <sub>2</sub>	SH	S-cyclopropyl
acyl	H	NH <sub>2</sub>	SH	F
acyl	H	NH <sub>2</sub>	SH	Cl
acyl	H	NH <sub>2</sub>	SH	Br
acyl	H	NH <sub>2</sub>	SH	I
acyl	acyl	NH <sub>2</sub>	SH	H
acyl	acyl	NH <sub>2</sub>	SH	NH <sub>2</sub>
acyl	acyl	NH <sub>2</sub>	SH	NH-cyclopropyl
acyl	acyl	NH <sub>2</sub>	SH	NH-methyl
acyl	acyl	NH <sub>2</sub>	SH	NH-ethyl
acyl	acyl	NH <sub>2</sub>	SH	NH-acetyl
acyl	acyl	NH <sub>2</sub>	SH	OH
acyl	acyl	NH <sub>2</sub>	SH	OMe
acyl	acyl	NH <sub>2</sub>	SH	OEt
acyl	acyl	NH <sub>2</sub>	SH	O-cyclopropyl
acyl	acyl	NH <sub>2</sub>	SH	O-acetyl
acyl	acyl	NH <sub>2</sub>	SH	SH
acyl	acyl	NH <sub>2</sub>	SH	SMe
acyl	acyl	NH <sub>2</sub>	SH	SEt
acyl	acyl	NH <sub>2</sub>	SH	S-cyclopropyl
acyl	acyl	NH <sub>2</sub>	SH	F
acyl	acyl	NH <sub>2</sub>	SH	Cl
acyl	acyl	NH <sub>2</sub>	SH	Br
acyl	acyl	NH <sub>2</sub>	SH	I
acyl	amino acid	NH <sub>2</sub>	SH	H
acyl	amino acid	NH <sub>2</sub>	SH	NH <sub>2</sub>
acyl	amino acid	NH <sub>2</sub>	SH	NH-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	NH <sub>2</sub>	SH	NH-methyl
acyl	amino acid	NH <sub>2</sub>	SH	NH-ethyl
acyl	amino acid	NH <sub>2</sub>	SH	NH-acetyl
acyl	amino acid	NH <sub>2</sub>	SH	OH
acyl	amino acid	NH <sub>2</sub>	SH	OMe
acyl	amino acid	NH <sub>2</sub>	SH	OEt
acyl	amino acid	NH <sub>2</sub>	SH	O-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	SH	O-acetyl
acyl	amino acid	NH <sub>2</sub>	SH	SH
acyl	amino acid	NH <sub>2</sub>	SH	SMe
acyl	amino acid	NH <sub>2</sub>	SH	SEt
acyl	amino acid	NH <sub>2</sub>	SH	S-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	SH	F
acyl	amino acid	NH <sub>2</sub>	SH	Cl
acyl	amino acid	NH <sub>2</sub>	SH	Br
acyl	amino acid	NH <sub>2</sub>	SH	I
H	acyl	NH <sub>2</sub>	SH	H
H	acyl	NH <sub>2</sub>	SH	NH <sub>2</sub>
H	acyl	NH <sub>2</sub>	SH	NH-cyclopropyl
H	acyl	NH <sub>2</sub>	SH	NH-methyl
H	acyl	NH <sub>2</sub>	SH	NH-ethyl
H	acyl	NH <sub>2</sub>	SH	NH-acetyl
H	acyl	NH <sub>2</sub>	SH	OH
H	acyl	NH <sub>2</sub>	SH	OMe
H	acyl	NH <sub>2</sub>	SH	OEt
H	acyl	NH <sub>2</sub>	SH	O-cyclopropyl
H	acyl	NH <sub>2</sub>	SH	O-acetyl
H	acyl	NH <sub>2</sub>	SH	SH
H	acyl	NH <sub>2</sub>	SH	SMe
H	acyl	NH <sub>2</sub>	SH	SEt
H	acyl	NH <sub>2</sub>	SH	S-cyclopropyl
H	acyl	NH <sub>2</sub>	SH	F
H	acyl	NH <sub>2</sub>	SH	Cl
H	acyl	NH <sub>2</sub>	SH	Br
H	acyl	NH <sub>2</sub>	SH	I
H	amino acid	NH <sub>2</sub>	SH	H
H	amino acid	NH <sub>2</sub>	SH	NH <sub>2</sub>
H	amino acid	NH <sub>2</sub>	SH	NH-cyclopropyl
H	amino acid	NH <sub>2</sub>	SH	NH-methyl
H	amino acid	NH <sub>2</sub>	SH	NH-ethyl
H	amino acid	NH <sub>2</sub>	SH	NH-acetyl
H	amino acid	NH <sub>2</sub>	SH	OH
H	amino acid	NH <sub>2</sub>	SH	OMe
H	amino acid	NH <sub>2</sub>	SH	OEt
H	amino acid	NH <sub>2</sub>	SH	O-cyclopropyl
H	amino acid	NH <sub>2</sub>	SH	O-acetyl
H	amino acid	NH <sub>2</sub>	SH	SH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	NH <sub>2</sub>	SH	SMe
H	amino acid	NH <sub>2</sub>	SH	SEt
H	amino acid	NH <sub>2</sub>	SH	S-cyclopropyl
H	amino acid	NH <sub>2</sub>	SH	F
H	amino acid	NH <sub>2</sub>	SH	Cl
H	amino acid	NH <sub>2</sub>	SH	Br
H	amino acid	NH <sub>2</sub>	SH	I
amino acid	amino acid	NH <sub>2</sub>	SH	H
amino acid	amino acid	NH <sub>2</sub>	SH	NH <sub>2</sub>
amino acid	amino acid	NH <sub>2</sub>	SH	NH-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	SH	NH-methyl
amino acid	amino acid	NH <sub>2</sub>	SH	NH-ethyl
amino acid	amino acid	NH <sub>2</sub>	SH	NH-acetyl
amino acid	amino acid	NH <sub>2</sub>	SH	OH
amino acid	amino acid	NH <sub>2</sub>	SH	OMe
amino acid	amino acid	NH <sub>2</sub>	SH	OEt
amino acid	amino acid	NH <sub>2</sub>	SH	O-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	SH	O-acetyl
amino acid	amino acid	NH <sub>2</sub>	SH	SH
amino acid	amino acid	NH <sub>2</sub>	SH	SMe
amino acid	amino acid	NH <sub>2</sub>	SH	SEt
amino acid	amino acid	NH <sub>2</sub>	SH	S-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	SH	F
amino acid	amino acid	NH <sub>2</sub>	SH	Cl
amino acid	amino acid	NH <sub>2</sub>	SH	Br
amino acid	amino acid	NH <sub>2</sub>	SH	I
amino acid	H	NH <sub>2</sub>	SH	H
amino acid	H	NH <sub>2</sub>	SH	NH <sub>2</sub>
amino acid	H	NH <sub>2</sub>	SH	NH-cyclopropyl
amino acid	H	NH <sub>2</sub>	SH	NH-methyl
amino acid	H	NH <sub>2</sub>	SH	NH-ethyl
amino acid	H	NH <sub>2</sub>	SH	NH-acetyl
amino acid	H	NH <sub>2</sub>	SH	OH
amino acid	H	NH <sub>2</sub>	SH	OMe
amino acid	H	NH <sub>2</sub>	SH	OEt
amino acid	H	NH <sub>2</sub>	SH	O-cyclopropyl
amino acid	H	NH <sub>2</sub>	SH	O-acetyl
amino acid	H	NH <sub>2</sub>	SH	SH
amino acid	H	NH <sub>2</sub>	SH	SMe
amino acid	H	NH <sub>2</sub>	SH	SEt
amino acid	H	NH <sub>2</sub>	SH	S-cyclopropyl
amino acid	H	NH <sub>2</sub>	SH	F
amino acid	H	NH <sub>2</sub>	SH	Cl
amino acid	H	NH <sub>2</sub>	SH	Br
amino acid	H	NH <sub>2</sub>	SH	I
amino acid	acyl	NH <sub>2</sub>	SH	H
amino acid	acyl	NH <sub>2</sub>	SH	NH <sub>2</sub>



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	NH <sub>2</sub>	SH	NH-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	SH	NH-methyl
amino acid	acyl	NH <sub>2</sub>	SH	NH-ethyl
amino acid	acyl	NH <sub>2</sub>	SH	NH-acetyl
amino acid	acyl	NH <sub>2</sub>	SH	OH
amino acid	acyl	NH <sub>2</sub>	SH	OMe
amino acid	acyl	NH <sub>2</sub>	SH	OEt
amino acid	acyl	NH <sub>2</sub>	SH	O-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	SH	O-acetyl
amino acid	acyl	NH <sub>2</sub>	SH	SH
amino acid	acyl	NH <sub>2</sub>	SH	SMe
amino acid	acyl	NH <sub>2</sub>	SH	SEt
amino acid	acyl	NH <sub>2</sub>	SH	S-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	SH	F
amino acid	acyl	NH <sub>2</sub>	SH	Cl
amino acid	acyl	NH <sub>2</sub>	SH	Br
amino acid	acyl	NH <sub>2</sub>	SH	I
acyl	H	F	SH	H
acyl	H	F	SH	NH <sub>2</sub>
acyl	H	F	SH	NH-cyclopropyl
acyl	H	F	SH	NH-methyl
acyl	H	F	SH	NH-ethyl
acyl	H	F	SH	NH-acetyl
acyl	H	F	SH	OH
acyl	H	F	SH	OMe
acyl	H	F	SH	OEt
acyl	H	F	SH	O-cyclopropyl
acyl	H	F	SH	O-acetyl
acyl	H	F	SH	SH
acyl	H	F	SH	SMe
acyl	H	F	SH	SEt
acyl	H	F	SH	S-cyclopropyl
acyl	H	F	SH	F
acyl	H	F	SH	Cl
acyl	H	F	SH	Br
acyl	H	F	SH	I
acyl	acyl	F	SH	H
acyl	acyl	F	SH	NH <sub>2</sub>
acyl	acyl	F	SH	NH-cyclopropyl
acyl	acyl	F	SH	NH-methyl
acyl	acyl	F	SH	NH-ethyl
acyl	acyl	F	SH	NH-acetyl
acyl	acyl	F	SH	OH
acyl	acyl	F	SH	OMe
acyl	acyl	F	SH	OEt
acyl	acyl	F	SH	O-cyclopropyl
acyl	acyl	F	SH	O-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	F	SH	SH
acyl	acyl	F	SH	SMe
acyl	acyl	F	SH	SEt
acyl	acyl	F	SH	S-cyclopropyl
acyl	acyl	F	SH	F
acyl	acyl	F	SH	Cl
acyl	acyl	F	SH	Br
acyl	acyl	F	SH	I
acyl	amino acid	F	SH	H
acyl	amino acid	F	SH	NH <sub>2</sub>
acyl	amino acid	F	SH	NH-cyclopropyl
acyl	amino acid	F	SH	NH-methyl
acyl	amino acid	F	SH	NH-ethyl
acyl	amino acid	F	SH	NH-acetyl
acyl	amino acid	F	SH	OH
acyl	amino acid	F	SH	OMe
acyl	amino acid	F	SH	OEt
acyl	amino acid	F	SH	O-cyclopropyl
acyl	amino acid	F	SH	O-acetyl
acyl	amino acid	F	SH	SH
acyl	amino acid	F	SH	SMe
acyl	amino acid	F	SH	SEt
acyl	amino acid	F	SH	S-cyclopropyl
acyl	amino acid	F	SH	F
acyl	amino acid	F	SH	Cl
acyl	amino acid	F	SH	Br
acyl	amino acid	F	SH	I
H	acyl	F	SH	H
H	acyl	F	SH	NH <sub>2</sub>
H	acyl	F	SH	NH-cyclopropyl
H	acyl	F	SH	NH-methyl
H	acyl	F	SH	NH-ethyl
H	acyl	F	SH	NH-acetyl
H	acyl	F	SH	OH
H	acyl	F	SH	OMe
H	acyl	F	SH	OEt
H	acyl	F	SH	O-cyclopropyl
H	acyl	F	SH	O-acetyl
H	acyl	F	SH	SH
H	acyl	F	SH	SMe
H	acyl	F	SH	SEt
H	acyl	F	SH	S-cyclopropyl
H	acyl	F	SH	F
H	acyl	F	SH	Cl
H	acyl	F	SH	Br
H	acyl	F	SH	I
H	amino acid	F	SH	H

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	F	SH	NH <sub>2</sub>
H	amino acid	F	SH	NH-cyclopropyl
H	amino acid	F	SH	NH-methyl
H	amino acid	F	SH	NH-ethyl
H	amino acid	F	SH	NH-acetyl
H	amino acid	F	SH	OH
H	amino acid	F	SH	OMe
H	amino acid	F	SH	OEt
H	amino acid	F	SH	O-cyclopropyl
H	amino acid	F	SH	O-acetyl
H	amino acid	F	SH	SH
H	amino acid	F	SH	SMe
H	amino acid	F	SH	SEt
H	amino acid	F	SH	S-cyclopropyl
H	amino acid	F	SH	F
H	amino acid	F	SH	Cl
H	amino acid	F	SH	Br
H	amino acid	F	SH	I
amino acid	amino acid	F	SH	H
amino acid	amino acid	F	SH	NH <sub>2</sub>
amino acid	amino acid	F	SH	NH-cyclopropyl
amino acid	amino acid	F	SH	NH-methyl
amino acid	amino acid	F	SH	NH-ethyl
amino acid	amino acid	F	SH	NH-acetyl
amino acid	amino acid	F	SH	OH
amino acid	amino acid	F	SH	OMe
amino acid	amino acid	F	SH	OEt
amino acid	amino acid	F	SH	O-cyclopropyl
amino acid	amino acid	F	SH	O-acetyl
amino acid	amino acid	F	SH	SH
amino acid	amino acid	F	SH	SMe
amino acid	amino acid	F	SH	SEt
amino acid	amino acid	F	SH	S-cyclopropyl
amino acid	amino acid	F	SH	F
amino acid	amino acid	F	SH	Cl
amino acid	amino acid	F	SH	Br
amino acid	amino acid	F	SH	I
amino acid	H	F	SH	H
amino acid	H	F	SH	NH <sub>2</sub>
amino acid	H	F	SH	NH-cyclopropyl
amino acid	H	F	SH	NH-methyl
amino acid	H	F	SH	NH-ethyl
amino acid	H	F	SH	NH-acetyl
amino acid	H	F	SH	OH
amino acid	H	F	SH	OMe
amino acid	H	F	SH	OEt
amino acid	H	F	SH	O-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	F	SH	O-acetyl
amino acid	H	F	SH	SH
amino acid	H	F	SH	SMe
amino acid	H	F	SH	SEt
amino acid	H	F	SH	S-cyclopropyl
amino acid	H	F	SH	F
amino acid	H	F	SH	Cl
amino acid	H	F	SH	Br
amino acid	H	F	SH	I
amino acid	acyl	F	SH	H
amino acid	acyl	F	SH	NH <sub>2</sub>
amino acid	acyl	F	SH	NH-cyclopropyl
amino acid	acyl	F	SH	NH-methyl
amino acid	acyl	F	SH	NH-ethyl
amino acid	acyl	F	SH	NH-acetyl
amino acid	acyl	F	SH	OH
amino acid	acyl	F	SH	OMe
amino acid	acyl	F	SH	OEt
amino acid	acyl	F	SH	O-cyclopropyl
amino acid	acyl	F	SH	O-acetyl
amino acid	acyl	F	SH	SH
amino acid	acyl	F	SH	SMe
amino acid	acyl	F	SH	SEt
amino acid	acyl	F	SH	S-cyclopropyl
amino acid	acyl	F	SH	F
amino acid	acyl	F	SH	Cl
amino acid	acyl	F	SH	Br
amino acid	acyl	F	SH	I
acyl	H	F	Br	H
acyl	H	F	Br	NH <sub>2</sub>
acyl	H	F	Br	NH-cyclopropyl
acyl	H	F	Br	NH-methyl
acyl	H	F	Br	NH-ethyl
acyl	H	F	Br	NH-acetyl
acyl	H	F	Br	OH
acyl	H	F	Br	OMe
acyl	H	F	Br	OEt
acyl	H	F	Br	O-cyclopropyl
acyl	H	F	Br	O-acetyl
acyl	H	F	Br	SH
acyl	H	F	Br	SMe
acyl	H	F	Br	SEt
acyl	H	F	Br	S-cyclopropyl
acyl	H	F	Br	F
acyl	H	F	Br	Cl
acyl	H	F	Br	Br
acyl	H	F	Br	I

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	F	Br	H
acyl	acyl	F	Br	NH <sub>2</sub>
acyl	acyl	F	Br	NH-cyclopropyl
acyl	acyl	F	Br	NH-methyl
acyl	acyl	F	Br	NH-ethyl
acyl	acyl	F	Br	NH-acetyl
acyl	acyl	F	Br	OH
acyl	acyl	F	Br	OMe
acyl	acyl	F	Br	OEt
acyl	acyl	F	Br	O-cyclopropyl
acyl	acyl	F	Br	O-acetyl
acyl	acyl	F	Br	SH
acyl	acyl	F	Br	SMe
acyl	acyl	F	Br	SEt
acyl	acyl	F	Br	S-cyclopropyl
acyl	acyl	F	Br	F
acyl	acyl	F	Br	Cl
acyl	acyl	F	Br	Br
acyl	acyl	F	Br	I
acyl	amino acid	F	Br	H
acyl	amino acid	F	Br	NH <sub>2</sub>
acyl	amino acid	F	Br	NH-cyclopropyl
acyl	amino acid	F	Br	NH-methyl
acyl	amino acid	F	Br	NH-ethyl
acyl	amino acid	F	Br	NH-acetyl
acyl	amino acid	F	Br	OH
acyl	amino acid	F	Br	OMe
acyl	amino acid	F	Br	OEt
acyl	amino acid	F	Br	O-cyclopropyl
acyl	amino acid	F	Br	O-acetyl
acyl	amino acid	F	Br	SH
acyl	amino acid	F	Br	SMe
acyl	amino acid	F	Br	SEt
acyl	amino acid	F	Br	S-cyclopropyl
acyl	amino acid	F	Br	F
acyl	amino acid	F	Br	Cl
acyl	amino acid	F	Br	Br
acyl	amino acid	F	Br	I
H	acyl	F	Br	H
H	acyl	F	Br	NH <sub>2</sub>
H	acyl	F	Br	NH-cyclopropyl
H	acyl	F	Br	NH-methyl
H	acyl	F	Br	NH-ethyl
H	acyl	F	Br	NH-acetyl
H	acyl	F	Br	OH
H	acyl	F	Br	OMe
H	acyl	F	Br	OEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	F	Br	O-cyclopropyl
H	acyl	F	Br	O-acetyl
H	acyl	F	Br	SH
H	acyl	F	Br	SMe
H	acyl	F	Br	SEt
H	acyl	F	Br	S-cyclopropyl
H	acyl	F	Br	F
H	acyl	F	Br	Cl
H	acyl	F	Br	Br
H	acyl	F	Br	I
H	amino acid	F	Br	H
H	amino acid	F	Br	NH <sub>2</sub>
H	amino acid	F	Br	NH-cyclopropyl
H	amino acid	F	Br	NH-methyl
H	amino acid	F	Br	NH-ethyl
H	amino acid	F	Br	NH-acetyl
H	amino acid	F	Br	OH
H	amino acid	F	Br	OMe
H	amino acid	F	Br	OEt
H	amino acid	F	Br	O-cyclopropyl
H	amino acid	F	Br	O-acetyl
H	amino acid	F	Br	SH
H	amino acid	F	Br	SMe
H	amino acid	F	Br	SEt
H	amino acid	F	Br	S-cyclopropyl
H	amino acid	F	Br	F
H	amino acid	F	Br	Cl
H	amino acid	F	Br	Br
H	amino acid	F	Br	I
amino acid	amino acid	F	Br	H
amino acid	amino acid	F	Br	NH <sub>2</sub>
amino acid	amino acid	F	Br	NH-cyclopropyl
amino acid	amino acid	F	Br	NH-methyl
amino acid	amino acid	F	Br	NH-ethyl
amino acid	amino acid	F	Br	NH-acetyl
amino acid	amino acid	F	Br	OH
amino acid	amino acid	F	Br	OMe
amino acid	amino acid	F	Br	OEt
amino acid	amino acid	F	Br	O-cyclopropyl
amino acid	amino acid	F	Br	O-acetyl
amino acid	amino acid	F	Br	SH
amino acid	amino acid	F	Br	SMe
amino acid	amino acid	F	Br	SEt
amino acid	amino acid	F	Br	S-cyclopropyl
amino acid	amino acid	F	Br	F
amino acid	amino acid	F	Br	Cl
amino acid	amino acid	F	Br	Br

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	F	Br	I
amino acid	H	F	Br	H
amino acid	H	F	Br	NH <sub>2</sub>
amino acid	H	F	Br	NH-cyclopropyl
amino acid	H	F	Br	NH-methyl
amino acid	H	F	Br	NH-ethyl
amino acid	H	F	Br	NH-acetyl
amino acid	H	F	Br	OH
amino acid	H	F	Br	OMe
amino acid	H	F	Br	OEt
amino acid	H	F	Br	O-cyclopropyl
amino acid	H	F	Br	O-acetyl
amino acid	H	F	Br	SH
amino acid	H	F	Br	SMe
amino acid	H	F	Br	SEt
amino acid	H	F	Br	S-cyclopropyl
amino acid	H	F	Br	F
amino acid	H	F	Br	Cl
amino acid	H	F	Br	Br
amino acid	H	F	Br	I
amino acid	acyl	F	Br	H
amino acid	acyl	F	Br	NH <sub>2</sub>
amino acid	acyl	F	Br	NH-cyclopropyl
amino acid	acyl	F	Br	NH-methyl
amino acid	acyl	F	Br	NH-ethyl
amino acid	acyl	F	Br	NH-acetyl
amino acid	acyl	F	Br	OH
amino acid	acyl	F	Br	OMe
amino acid	acyl	F	Br	OEt
amino acid	acyl	F	Br	O-cyclopropyl
amino acid	acyl	F	Br	O-acetyl
amino acid	acyl	F	Br	SH
amino acid	acyl	F	Br	SMe
amino acid	acyl	F	Br	SEt
amino acid	acyl	F	Br	S-cyclopropyl
amino acid	acyl	F	Br	F
amino acid	acyl	F	Br	Cl
amino acid	acyl	F	Br	Br
amino acid	acyl	F	Br	I
acyl	H	Br	F	H
acyl	H	Br	F	NH <sub>2</sub>
acyl	H	Br	F	NH-cyclopropyl
acyl	H	Br	F	NH-methyl
acyl	H	Br	F	NH-ethyl
acyl	H	Br	F	NH-acetyl
acyl	H	Br	F	OH
acyl	H	Br	F	OMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	Br	F	OEt
acyl	H	Br	F	O-cyclopropyl
acyl	H	Br	F	O-acetyl
acyl	H	Br	F	SH
acyl	H	Br	F	SMe
acyl	H	Br	F	SEt
acyl	H	Br	F	S-cyclopropyl
acyl	H	Br	F	F
acyl	H	Br	F	Cl
acyl	H	Br	F	Br
acyl	H	Br	F	I
acyl	acyl	Br	F	H
acyl	acyl	Br	F	NH <sub>2</sub>
acyl	acyl	Br	F	NH-cyclopropyl
acyl	acyl	Br	F	NH-methyl
acyl	acyl	Br	F	NH-ethyl
acyl	acyl	Br	F	NH-acetyl
acyl	acyl	Br	F	OH
acyl	acyl	Br	F	OMe
acyl	acyl	Br	F	OEt
acyl	acyl	Br	F	O-cyclopropyl
acyl	acyl	Br	F	O-acetyl
acyl	acyl	Br	F	SH
acyl	acyl	Br	F	SMe
acyl	acyl	Br	F	SEt
acyl	acyl	Br	F	S-cyclopropyl
acyl	acyl	Br	F	F
acyl	acyl	Br	F	Cl
acyl	acyl	Br	F	Br
acyl	acyl	Br	F	I
acyl	amino acid	Br	F	H
acyl	amino acid	Br	F	NH <sub>2</sub>
acyl	amino acid	Br	F	NH-cyclopropyl
acyl	amino acid	Br	F	NH-methyl
acyl	amino acid	Br	F	NH-ethyl
acyl	amino acid	Br	F	NH-acetyl
acyl	amino acid	Br	F	OH
acyl	amino acid	Br	F	OMe
acyl	amino acid	Br	F	OEt
acyl	amino acid	Br	F	O-cyclopropyl
acyl	amino acid	Br	F	O-acetyl
acyl	amino acid	Br	F	SH
acyl	amino acid	Br	F	SMe
acyl	amino acid	Br	F	SEt
acyl	amino acid	Br	F	S-cyclopropyl
acyl	amino acid	Br	F	F
acyl	amino acid	Br	F	Cl



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	Br	F	Br
acyl	amino acid	Br	F	I
H	acyl	Br	F	H
H	acyl	Br	F	NH <sub>2</sub>
H	acyl	Br	F	NH-cyclopropyl
H	acyl	Br	F	NH-methyl
H	acyl	Br	F	NH-ethyl
H	acyl	Br	F	NH-acetyl
H	acyl	Br	F	OH
H	acyl	Br	F	OMe
H	acyl	Br	F	OEt
H	acyl	Br	F	O-cyclopropyl
H	acyl	Br	F	O-acetyl
H	acyl	Br	F	SH
H	acyl	Br	F	SMe
H	acyl	Br	F	SEt
H	acyl	Br	F	S-cyclopropyl
H	acyl	Br	F	F
H	acyl	Br	F	Cl
H	acyl	Br	F	Br
H	acyl	Br	F	I
H	amino acid	Br	F	H
H	amino acid	Br	F	NH <sub>2</sub>
H	amino acid	Br	F	NH-cyclopropyl
H	amino acid	Br	F	NH-methyl
H	amino acid	Br	F	NH-ethyl
H	amino acid	Br	F	NH-acetyl
H	amino acid	Br	F	OH
H	amino acid	Br	F	OMe
H	amino acid	Br	F	OEt
H	amino acid	Br	F	O-cyclopropyl
H	amino acid	Br	F	O-acetyl
H	amino acid	Br	F	SH
H	amino acid	Br	F	SMe
H	amino acid	Br	F	SEt
H	amino acid	Br	F	S-cyclopropyl
H	amino acid	Br	F	F
H	amino acid	Br	F	Cl
H	amino acid	Br	F	Br
H	amino acid	Br	F	I
amino acid	amino acid	Br	F	H
amino acid	amino acid	Br	F	NH <sub>2</sub>
amino acid	amino acid	Br	F	NH-cyclopropyl
amino acid	amino acid	Br	F	NH-methyl
amino acid	amino acid	Br	F	NH-ethyl
amino acid	amino acid	Br	F	NH-acetyl
amino acid	amino acid	Br	F	OH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	Br	F	OMe
amino acid	amino acid	Br	F	OEt
amino acid	amino acid	Br	F	O-cyclopropyl
amino acid	amino acid	Br	F	O-acetyl
amino acid	amino acid	Br	F	SH
amino acid	amino acid	Br	F	SMe
amino acid	amino acid	Br	F	SEt
amino acid	amino acid	Br	F	S-cyclopropyl
amino acid	amino acid	Br	F	F
amino acid	amino acid	Br	F	Cl
amino acid	amino acid	Br	F	Br
amino acid	amino acid	Br	F	I
amino acid	H	Br	F	H
amino acid	H	Br	F	NH <sub>2</sub>
amino acid	H	Br	F	NH-cyclopropyl
amino acid	H	Br	F	NH-methyl
amino acid	H	Br	F	NH-ethyl
amino acid	H	Br	F	NH-acetyl
amino acid	H	Br	F	OH
amino acid	H	Br	F	OMe
amino acid	H	Br	F	OEt
amino acid	H	Br	F	O-cyclopropyl
amino acid	H	Br	F	O-acetyl
amino acid	H	Br	F	SH
amino acid	H	Br	F	SMe
amino acid	H	Br	F	SEt
amino acid	H	Br	F	S-cyclopropyl
amino acid	H	Br	F	F
amino acid	H	Br	F	Cl
amino acid	H	Br	F	Br
amino acid	H	Br	F	I
amino acid	acyl	Br	F	H
amino acid	acyl	Br	F	NH <sub>2</sub>
amino acid	acyl	Br	F	NH-cyclopropyl
amino acid	acyl	Br	F	NH-methyl
amino acid	acyl	Br	F	NH-ethyl
amino acid	acyl	Br	F	NH-acetyl
amino acid	acyl	Br	F	OH
amino acid	acyl	Br	F	OMe
amino acid	acyl	Br	F	OEt
amino acid	acyl	Br	F	O-cyclopropyl
amino acid	acyl	Br	F	O-acetyl
amino acid	acyl	Br	F	SH
amino acid	acyl	Br	F	SMe
amino acid	acyl	Br	F	SEt
amino acid	acyl	Br	F	S-cyclopropyl
amino acid	acyl	Br	F	F

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	Br	F	Cl
amino acid	acyl	Br	F	Br
amino acid	acyl	Br	F	I
acyl	H	F	Cl	H
acyl	H	F	Cl	NH <sub>2</sub>
acyl	H	F	Cl	NH-cyclopropyl
acyl	H	F	Cl	NH-methyl
acyl	H	F	Cl	NH-ethyl
acyl	H	F	Cl	NH-acetyl
acyl	H	F	Cl	OH
acyl	H	F	Cl	OMe
acyl	H	F	Cl	OEt
acyl	H	F	Cl	O-cyclopropyl
acyl	H	F	Cl	O-acetyl
acyl	H	F	Cl	SH
acyl	H	F	Cl	SMe
acyl	H	F	Cl	SEt
acyl	H	F	Cl	S-cyclopropyl
acyl	H	F	Cl	F
acyl	H	F	Cl	Cl
acyl	H	F	Cl	Br
acyl	H	F	Cl	I
acyl	acyl	F	Cl	H
acyl	acyl	F	Cl	NH <sub>2</sub>
acyl	acyl	F	Cl	NH-cyclopropyl
acyl	acyl	F	Cl	NH-methyl
acyl	acyl	F	Cl	NH-ethyl
acyl	acyl	F	Cl	NH-acetyl
acyl	acyl	F	Cl	OH
acyl	acyl	F	Cl	OMe
acyl	acyl	F	Cl	OEt
acyl	acyl	F	Cl	O-cyclopropyl
acyl	acyl	F	Cl	O-acetyl
acyl	acyl	F	Cl	SH
acyl	acyl	F	Cl	SMe
acyl	acyl	F	Cl	SEt
acyl	acyl	F	Cl	S-cyclopropyl
acyl	acyl	F	Cl	F
acyl	acyl	F	Cl	Cl
acyl	acyl	F	Cl	Br
acyl	acyl	F	Cl	I
acyl	amino acid	F	Cl	H
acyl	amino acid	F	Cl	NH <sub>2</sub>
acyl	amino acid	F	Cl	NH-cyclopropyl
acyl	amino acid	F	Cl	NH-methyl
acyl	amino acid	F	Cl	NH-ethyl
acyl	amino acid	F	Cl	NH-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	F	Cl	OH
acyl	amino acid	F	Cl	OMe
acyl	amino acid	F	Cl	OEt
acyl	amino acid	F	Cl	O-cyclopropyl
acyl	amino acid	F	Cl	O-acetyl
acyl	amino acid	F	Cl	SH
acyl	amino acid	F	Cl	SMe
acyl	amino acid	F	Cl	SEt
acyl	amino acid	F	Cl	S-cyclopropyl
acyl	amino acid	F	Cl	F
acyl	amino acid	F	Cl	Cl
acyl	amino acid	F	Cl	Br
acyl	amino acid	F	Cl	I
H	acyl	F	Cl	H
H	acyl	F	Cl	NH <sub>2</sub>
H	acyl	F	Cl	NH-cyclopropyl
H	acyl	F	Cl	NH-methyl
H	acyl	F	Cl	NH-ethyl
H	acyl	F	Cl	NH-acetyl
H	acyl	F	Cl	OH
H	acyl	F	Cl	OMe
H	acyl	F	Cl	OEt
H	acyl	F	Cl	O-cyclopropyl
H	acyl	F	Cl	O-acetyl
H	acyl	F	Cl	SH
H	acyl	F	Cl	SMe
H	acyl	F	Cl	SEt
H	acyl	F	Cl	S-cyclopropyl
H	acyl	F	Cl	F
H	acyl	F	Cl	Cl
H	acyl	F	Cl	Br
H	acyl	F	Cl	I
H	amino acid	F	Cl	H
H	amino acid	F	Cl	NH <sub>2</sub>
H	amino acid	F	Cl	NH-cyclopropyl
H	amino acid	F	Cl	NH-methyl
H	amino acid	F	Cl	NH-ethyl
H	amino acid	F	Cl	NH-acetyl
H	amino acid	F	Cl	OH
H	amino acid	F	Cl	OMe
H	amino acid	F	Cl	OEt
H	amino acid	F	Cl	O-cyclopropyl
H	amino acid	F	Cl	O-acetyl
H	amino acid	F	Cl	SH
H	amino acid	F	Cl	SMe
H	amino acid	F	Cl	SEt
H	amino acid	F	Cl	S-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	F	Cl	F
H	amino acid	F	Cl	Cl
H	amino acid	F	Cl	Br
H	amino acid	F	Cl	I
amino acid	amino acid	F	Cl	H
amino acid	amino acid	F	Cl	NH <sub>2</sub>
amino acid	amino acid	F	Cl	NH-cyclopropyl
amino acid	amino acid	F	Cl	NH-methyl
amino acid	amino acid	F	Cl	NH-ethyl
amino acid	amino acid	F	Cl	NH-acetyl
amino acid	amino acid	F	Cl	OH
amino acid	amino acid	F	Cl	OMe
amino acid	amino acid	F	Cl	OEt
amino acid	amino acid	F	Cl	O-cyclopropyl
amino acid	amino acid	F	Cl	O-acetyl
amino acid	amino acid	F	Cl	SH
amino acid	amino acid	F	Cl	SMe
amino acid	amino acid	F	Cl	SEt
amino acid	amino acid	F	Cl	S-cyclopropyl
amino acid	amino acid	F	Cl	F
amino acid	amino acid	F	Cl	Cl
amino acid	amino acid	F	Cl	Br
amino acid	amino acid	F	Cl	I
amino acid	H	F	Cl	H
amino acid	H	F	Cl	NH <sub>2</sub>
amino acid	H	F	Cl	NH-cyclopropyl
amino acid	H	F	Cl	NH-methyl
amino acid	H	F	Cl	NH-ethyl
amino acid	H	F	Cl	NH-acetyl
amino acid	H	F	Cl	OH
amino acid	H	F	Cl	OMe
amino acid	H	F	Cl	OEt
amino acid	H	F	Cl	O-cyclopropyl
amino acid	H	F	Cl	O-acetyl
amino acid	H	F	Cl	SH
amino acid	H	F	Cl	SMe
amino acid	H	F	Cl	SEt
amino acid	H	F	Cl	S-cyclopropyl
amino acid	H	F	Cl	F
amino acid	H	F	Cl	Cl
amino acid	H	F	Cl	Br
amino acid	H	F	Cl	I
amino acid	acyl	F	Cl	H
amino acid	acyl	F	Cl	NH <sub>2</sub>
amino acid	acyl	F	Cl	NH-cyclopropyl
amino acid	acyl	F	Cl	NH-methyl
amino acid	acyl	F	Cl	NH-ethyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	F	Cl	NH-acetyl
amino acid	acyl	F	Cl	OH
amino acid	acyl	F	Cl	OMe
amino acid	acyl	F	Cl	OEt
amino acid	acyl	F	Cl	O-cyclopropyl
amino acid	acyl	F	Cl	O-acetyl
amino acid	acyl	F	Cl	SH
amino acid	acyl	F	Cl	SMe
amino acid	acyl	F	Cl	SEt
amino acid	acyl	F	Cl	S-cyclopropyl
amino acid	acyl	F	Cl	F
amino acid	acyl	F	Cl	Cl
amino acid	acyl	F	Cl	Br
amino acid	acyl	F	Cl	I
acyl	H	Cl	F	H
acyl	H	Cl	F	NH <sub>2</sub>
acyl	H	Cl	F	NH-cyclopropyl
acyl	H	Cl	F	NH-methyl
acyl	H	Cl	F	NH-ethyl
acyl	H	Cl	F	NH-acetyl
acyl	H	Cl	F	OH
acyl	H	Cl	F	OMe
acyl	H	Cl	F	OEt
acyl	H	Cl	F	O-cyclopropyl
acyl	H	Cl	F	O-acetyl
acyl	H	Cl	F	SH
acyl	H	Cl	F	SMe
acyl	H	Cl	F	SEt
acyl	H	Cl	F	S-cyclopropyl
acyl	H	Cl	F	F
acyl	H	Cl	F	Cl
acyl	H	Cl	F	Br
acyl	H	Cl	F	I
acyl	acyl	Cl	F	H
acyl	acyl	Cl	F	NH <sub>2</sub>
acyl	acyl	Cl	F	NH-cyclopropyl
acyl	acyl	Cl	F	NH-methyl
acyl	acyl	Cl	F	NH-ethyl
acyl	acyl	Cl	F	NH-acetyl
acyl	acyl	Cl	F	OH
acyl	acyl	Cl	F	OMe
acyl	acyl	Cl	F	OEt
acyl	acyl	Cl	F	O-cyclopropyl
acyl	acyl	Cl	F	O-acetyl
acyl	acyl	Cl	F	SH
acyl	acyl	Cl	F	SMe
acyl	acyl	Cl	F	SEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	Cl	F	S-cyclopropyl
acyl	acyl	Cl	F	F
acyl	acyl	Cl	F	Cl
acyl	acyl	Cl	F	Br
acyl	acyl	Cl	F	I
acyl	amino acid	Cl	F	H
acyl	amino acid	Cl	F	NH <sub>2</sub>
acyl	amino acid	Cl	F	NH-cyclopropyl
acyl	amino acid	Cl	F	NH-methyl
acyl	amino acid	Cl	F	NH-ethyl
acyl	amino acid	Cl	F	NH-acetyl
acyl	amino acid	Cl	F	OH
acyl	amino acid	Cl	F	OMe
acyl	amino acid	Cl	F	OEt
acyl	amino acid	Cl	F	O-cyclopropyl
acyl	amino acid	Cl	F	O-acetyl
acyl	amino acid	Cl	F	SH
acyl	amino acid	Cl	F	SMe
acyl	amino acid	Cl	F	SEt
acyl	amino acid	Cl	F	S-cyclopropyl
acyl	amino acid	Cl	F	F
acyl	amino acid	Cl	F	Cl
acyl	amino acid	Cl	F	Br
acyl	amino acid	Cl	F	I
H	acyl	Cl	F	H
H	acyl	Cl	F	NH <sub>2</sub>
H	acyl	Cl	F	NH-cyclopropyl
H	acyl	Cl	F	NH-methyl
H	acyl	Cl	F	NH-ethyl
H	acyl	Cl	F	NH-acetyl
H	acyl	Cl	F	OH
H	acyl	Cl	F	OMe
H	acyl	Cl	F	OEt
H	acyl	Cl	F	O-cyclopropyl
H	acyl	Cl	F	O-acetyl
H	acyl	Cl	F	SH
H	acyl	Cl	F	SMe
H	acyl	Cl	F	SEt
H	acyl	Cl	F	S-cyclopropyl
H	acyl	Cl	F	F
H	acyl	Cl	F	Cl
H	acyl	Cl	F	Br
H	acyl	Cl	F	I
H	amino acid	Cl	F	H
H	amino acid	Cl	F	NH <sub>2</sub>
H	amino acid	Cl	F	NH-cyclopropyl
H	amino acid	Cl	F	NH-methyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	Cl	F	NH-ethyl
H	amino acid	Cl	F	NH-acetyl
H	amino acid	Cl	F	OH
H	amino acid	Cl	F	OMe
H	amino acid	Cl	F	OEt
H	amino acid	Cl	F	O-cyclopropyl
H	amino acid	Cl	F	O-acetyl
H	amino acid	Cl	F	SH
H	amino acid	Cl	F	SMe
H	amino acid	Cl	F	SEt
H	amino acid	Cl	F	S-cyclopropyl
H	amino acid	Cl	F	F
H	amino acid	Cl	F	Cl
H	amino acid	Cl	F	Br
H	amino acid	Cl	F	I
amino acid	amino acid	Cl	F	H
amino acid	amino acid	Cl	F	NH <sub>2</sub>
amino acid	amino acid	Cl	F	NH-cyclopropyl
amino acid	amino acid	Cl	F	NH-methyl
amino acid	amino acid	Cl	F	NH-ethyl
amino acid	amino acid	Cl	F	NH-acetyl
amino acid	amino acid	Cl	F	OH
amino acid	amino acid	Cl	F	OMe
amino acid	amino acid	Cl	F	OEt
amino acid	amino acid	Cl	F	O-cyclopropyl
amino acid	amino acid	Cl	F	O-acetyl
amino acid	amino acid	Cl	F	SH
amino acid	amino acid	Cl	F	SMe
amino acid	amino acid	Cl	F	SEt
amino acid	amino acid	Cl	F	S-cyclopropyl
amino acid	amino acid	Cl	F	F
amino acid	amino acid	Cl	F	Cl
amino acid	amino acid	Cl	F	Br
amino acid	amino acid	Cl	F	I
amino acid	H	Cl	F	H
amino acid	H	Cl	F	NH <sub>2</sub>
amino acid	H	Cl	F	NH-cyclopropyl
amino acid	H	Cl	F	NH-methyl
amino acid	H	Cl	F	NH-ethyl
amino acid	H	Cl	F	NH-acetyl
amino acid	H	Cl	F	OH
amino acid	H	Cl	F	OMe
amino acid	H	Cl	F	OEt
amino acid	H	Cl	F	O-cyclopropyl
amino acid	H	Cl	F	O-acetyl
amino acid	H	Cl	F	SH
amino acid	H	Cl	F	SMe



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	Cl	F	SEt
amino acid	H	Cl	F	S-cyclopropyl
amino acid	H	Cl	F	F
amino acid	H	Cl	F	Cl
amino acid	H	Cl	F	Br
amino acid	H	Cl	F	I
amino acid	acyl	Cl	F	H
amino acid	acyl	Cl	F	NH <sub>2</sub>
amino acid	acyl	Cl	F	NH-cyclopropyl
amino acid	acyl	Cl	F	NH-methyl
amino acid	acyl	Cl	F	NH-ethyl
amino acid	acyl	Cl	F	NH-acetyl
amino acid	acyl	Cl	F	OH
amino acid	acyl	Cl	F	OMe
amino acid	acyl	Cl	F	OEt
amino acid	acyl	Cl	F	O-cyclopropyl
amino acid	acyl	Cl	F	O-acetyl
amino acid	acyl	Cl	F	SH
amino acid	acyl	Cl	F	SMe
amino acid	acyl	Cl	F	SEt
amino acid	acyl	Cl	F	S-cyclopropyl
amino acid	acyl	Cl	F	F
amino acid	acyl	Cl	F	Cl
amino acid	acyl	Cl	F	Br
amino acid	acyl	Cl	F	I
acyl	H	SH	H	H
acyl	H	SH	H	NH <sub>2</sub>
acyl	H	SH	H	NH-cyclopropyl
acyl	H	SH	H	NH-methyl
acyl	H	SH	H	NH-ethyl
acyl	H	SH	H	NH-acetyl
acyl	H	SH	H	OH
acyl	H	SH	H	OMe
acyl	H	SH	H	OEt
acyl	H	SH	H	O-cyclopropyl
acyl	H	SH	H	O-acetyl
acyl	H	SH	H	SH
acyl	H	SH	H	SMe
acyl	H	SH	H	SEt
acyl	H	SH	H	S-cyclopropyl
acyl	H	SH	H	F
acyl	H	SH	H	Cl
acyl	H	SH	H	Br
acyl	H	SH	H	I
acyl	acyl	SH	H	H
acyl	acyl	SH	H	NH <sub>2</sub>
acyl	acyl	SH	H	NH-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	SH	H	NH-methyl
acyl	acyl	SH	H	NH-ethyl
acyl	acyl	SH	H	NH-acetyl
acyl	acyl	SH	H	OH
acyl	acyl	SH	H	OMe
acyl	acyl	SH	H	OEt
acyl	acyl	SH	H	O-cyclopropyl
acyl	acyl	SH	H	O-acetyl
acyl	acyl	SH	H	SH
acyl	acyl	SH	H	SMe
acyl	acyl	SH	H	SEt
acyl	acyl	SH	H	S-cyclopropyl
acyl	acyl	SH	H	F
acyl	acyl	SH	H	Cl
acyl	acyl	SH	H	Br
acyl	acyl	SH	H	I
acyl	amino acid	SH	H	H
acyl	amino acid	SH	H	NH <sub>2</sub>
acyl	amino acid	SH	H	NH-cyclopropyl
acyl	amino acid	SH	H	NH-methyl
acyl	amino acid	SH	H	NH-ethyl
acyl	amino acid	SH	H	NH-acetyl
acyl	amino acid	SH	H	OH
acyl	amino acid	SH	H	OMe
acyl	amino acid	SH	H	OEt
acyl	amino acid	SH	H	O-cyclopropyl
acyl	amino acid	SH	H	O-acetyl
acyl	amino acid	SH	H	SH
acyl	amino acid	SH	H	SMe
acyl	amino acid	SH	H	SEt
acyl	amino acid	SH	H	S-cyclopropyl
acyl	amino acid	SH	H	F
acyl	amino acid	SH	H	Cl
acyl	amino acid	SH	H	Br
acyl	amino acid	SH	H	I
H	acyl	SH	H	H
H	acyl	SH	H	NH <sub>2</sub>
H	acyl	SH	H	NH-cyclopropyl
H	acyl	SH	H	NH-methyl
H	acyl	SH	H	NH-ethyl
H	acyl	SH	H	NH-acetyl
H	acyl	SH	H	OH
H	acyl	SH	H	OMe
H	acyl	SH	H	OEt
H	acyl	SH	H	O-cyclopropyl
H	acyl	SH	H	O-acetyl
H	acyl	SH	H	SH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	SH	H	SMe
H	acyl	SH	H	SEt
H	acyl	SH	H	S-cyclopropyl
H	acyl	SH	H	F
H	acyl	SH	H	Cl
H	acyl	SH	H	Br
H	acyl	SH	H	I
H	amino acid	SH	H	H
H	amino acid	SH	H	NH <sub>2</sub>
H	amino acid	SH	H	NH-cyclopropyl
H	amino acid	SH	H	NH-methyl
H	amino acid	SH	H	NH-ethyl
H	amino acid	SH	H	NH-acetyl
H	amino acid	SH	H	OH
H	amino acid	SH	H	OMe
H	amino acid	SH	H	OEt
H	amino acid	SH	H	O-cyclopropyl
H	amino acid	SH	H	O-acetyl
H	amino acid	SH	H	SH
H	amino acid	SH	H	SMe
H	amino acid	SH	H	SEt
H	amino acid	SH	H	S-cyclopropyl
H	amino acid	SH	H	F
H	amino acid	SH	H	Cl
H	amino acid	SH	H	Br
H	amino acid	SH	H	I
amino acid	amino acid	SH	H	H
amino acid	amino acid	SH	H	NH <sub>2</sub>
amino acid	amino acid	SH	H	NH-cyclopropyl
amino acid	amino acid	SH	H	NH-methyl
amino acid	amino acid	SH	H	NH-ethyl
amino acid	amino acid	SH	H	NH-acetyl
amino acid	amino acid	SH	H	OH
amino acid	amino acid	SH	H	OMe
amino acid	amino acid	SH	H	OEt
amino acid	amino acid	SH	H	O-cyclopropyl
amino acid	amino acid	SH	H	O-acetyl
amino acid	amino acid	SH	H	SH
amino acid	amino acid	SH	H	SMe
amino acid	amino acid	SH	H	SEt
amino acid	amino acid	SH	H	S-cyclopropyl
amino acid	amino acid	SH	H	F
amino acid	amino acid	SH	H	Cl
amino acid	amino acid	SH	H	Br
amino acid	amino acid	SH	H	I
amino acid	H	SH	H	H
amino acid	H	SH	H	NH <sub>2</sub>

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	SH	H	NH-cyclopropyl
amino acid	H	SH	H	NH-methyl
amino acid	H	SH	H	NH-ethyl
amino acid	H	SH	H	NH-acetyl
amino acid	H	SH	H	OH
amino acid	H	SH	H	OMe
amino acid	H	SH	H	OEt
amino acid	H	SH	H	O-cyclopropyl
amino acid	H	SH	H	O-acetyl
amino acid	H	SH	H	SH
amino acid	H	SH	H	SMe
amino acid	H	SH	H	SEt
amino acid	H	SH	H	S-cyclopropyl
amino acid	H	SH	H	F
amino acid	H	SH	H	Cl
amino acid	H	SH	H	Br
amino acid	H	SH	H	I
amino acid	acyl	SH	H	H
amino acid	acyl	SH	H	NH <sub>2</sub>
amino acid	acyl	SH	H	NH-cyclopropyl
amino acid	acyl	SH	H	NH-methyl
amino acid	acyl	SH	H	NH-ethyl
amino acid	acyl	SH	H	NH-acetyl
amino acid	acyl	SH	H	OH
amino acid	acyl	SH	H	OMe
amino acid	acyl	SH	H	OEt
amino acid	acyl	SH	H	O-cyclopropyl
amino acid	acyl	SH	H	O-acetyl
amino acid	acyl	SH	H	SH
amino acid	acyl	SH	H	SMe
amino acid	acyl	SH	H	SEt
amino acid	acyl	SH	H	S-cyclopropyl
amino acid	acyl	SH	H	F
amino acid	acyl	SH	H	Cl
amino acid	acyl	SH	H	Br
amino acid	acyl	SH	H	I
acyl	H	SH	F	H
acyl	H	SH	F	NH <sub>2</sub>
acyl	H	SH	F	NH-cyclopropyl
acyl	H	SH	F	NH-methyl
acyl	H	SH	F	NH-ethyl
acyl	H	SH	F	NH-acetyl
acyl	H	SH	F	OH
acyl	H	SH	F	OMe
acyl	H	SH	F	OEt
acyl	H	SH	F	O-cyclopropyl
acyl	H	SH	F	O-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	SH	F	SH
acyl	H	SH	F	SMe
acyl	H	SH	F	SEt
acyl	H	SH	F	S-cyclopropyl
acyl	H	SH	F	F
acyl	H	SH	F	Cl
acyl	H	SH	F	Br
acyl	H	SH	F	I
acyl	acyl	SH	F	H
acyl	acyl	SH	F	NH <sub>2</sub>
acyl	acyl	SH	F	NH-cyclopropyl
acyl	acyl	SH	F	NH-methyl
acyl	acyl	SH	F	NH-ethyl
acyl	acyl	SH	F	NH-acetyl
acyl	acyl	SH	F	OH
acyl	acyl	SH	F	OMe
acyl	acyl	SH	F	OEt
acyl	acyl	SH	F	O-cyclopropyl
acyl	acyl	SH	F	O-acetyl
acyl	acyl	SH	F	SH
acyl	acyl	SH	F	SMe
acyl	acyl	SH	F	SEt
acyl	acyl	SH	F	S-cyclopropyl
acyl	acyl	SH	F	F
acyl	acyl	SH	F	Cl
acyl	acyl	SH	F	Br
acyl	acyl	SH	F	I
acyl	amino acid	SH	F	H
acyl	amino acid	SH	F	NH <sub>2</sub>
acyl	amino acid	SH	F	NH-cyclopropyl
acyl	amino acid	SH	F	NH-methyl
acyl	amino acid	SH	F	NH-ethyl
acyl	amino acid	SH	F	NH-acetyl
acyl	amino acid	SH	F	OH
acyl	amino acid	SH	F	OMe
acyl	amino acid	SH	F	OEt
acyl	amino acid	SH	F	O-cyclopropyl
acyl	amino acid	SH	F	O-acetyl
acyl	amino acid	SH	F	SH
acyl	amino acid	SH	F	SMe
acyl	amino acid	SH	F	SEt
acyl	amino acid	SH	F	S-cyclopropyl
acyl	amino acid	SH	F	F
acyl	amino acid	SH	F	Cl
acyl	amino acid	SH	F	Br
acyl	amino acid	SH	F	I
H	acyl	SH	F	H

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	SH	F	NH <sub>2</sub>
H	acyl	SH	F	NH-cyclopropyl
H	acyl	SH	F	NH-methyl
H	acyl	SH	F	NH-ethyl
H	acyl	SH	F	NH-acetyl
H	acyl	SH	F	OH
H	acyl	SH	F	OMe
H	acyl	SH	F	OEt
H	acyl	SH	F	O-cyclopropyl
H	acyl	SH	F	O-acetyl
H	acyl	SH	F	SH
H	acyl	SH	F	SMe
H	acyl	SH	F	SEt
H	acyl	SH	F	S-cyclopropyl
H	acyl	SH	F	F
H	acyl	SH	F	Cl
H	acyl	SH	F	Br
H	acyl	SH	F	I
H	amino acid	SH	F	H
H	amino acid	SH	F	NH <sub>2</sub>
H	amino acid	SH	F	NH-cyclopropyl
H	amino acid	SH	F	NH-methyl
H	amino acid	SH	F	NH-ethyl
H	amino acid	SH	F	NH-acetyl
H	amino acid	SH	F	OH
H	amino acid	SH	F	OMe
H	amino acid	SH	F	OEt
H	amino acid	SH	F	O-cyclopropyl
H	amino acid	SH	F	O-acetyl
H	amino acid	SH	F	SH
H	amino acid	SH	F	SMe
H	amino acid	SH	F	SEt
H	amino acid	SH	F	S-cyclopropyl
H	amino acid	SH	F	F
H	amino acid	SH	F	Cl
H	amino acid	SH	F	Br
H	amino acid	SH	F	I
amino acid	amino acid	SH	F	H
amino acid	amino acid	SH	F	NH <sub>2</sub>
amino acid	amino acid	SH	F	NH-cyclopropyl
amino acid	amino acid	SH	F	NH-methyl
amino acid	amino acid	SH	F	NH-ethyl
amino acid	amino acid	SH	F	NH-acetyl
amino acid	amino acid	SH	F	OH
amino acid	amino acid	SH	F	OMe
amino acid	amino acid	SH	F	OEt
amino acid	amino acid	SH	F	O-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	SH	F	O-acetyl
amino acid	amino acid	SH	F	SH
amino acid	amino acid	SH	F	SMe
amino acid	amino acid	SH	F	SEt
amino acid	amino acid	SH	F	S-cyclopropyl
amino acid	amino acid	SH	F	F
amino acid	amino acid	SH	F	Cl
amino acid	amino acid	SH	F	Br
amino acid	amino acid	SH	F	I
amino acid	H	SH	F	H
amino acid	H	SH	F	NH <sub>2</sub>
amino acid	H	SH	F	NH-cyclopropyl
amino acid	H	SH	F	NH-methyl
amino acid	H	SH	F	NH-ethyl
amino acid	H	SH	F	NH-acetyl
amino acid	H	SH	F	OH
amino acid	H	SH	F	OMe
amino acid	H	SH	F	OEt
amino acid	H	SH	F	O-cyclopropyl
amino acid	H	SH	F	O-acetyl
amino acid	H	SH	F	SH
amino acid	H	SH	F	SMe
amino acid	H	SH	F	SEt
amino acid	H	SH	F	S-cyclopropyl
amino acid	H	SH	F	F
amino acid	H	SH	F	Cl
amino acid	H	SH	F	Br
amino acid	H	SH	F	I
amino acid	acyl	SH	F	H
amino acid	acyl	SH	F	NH <sub>2</sub>
amino acid	acyl	SH	F	NH-cyclopropyl
amino acid	acyl	SH	F	NH-methyl
amino acid	acyl	SH	F	NH-ethyl
amino acid	acyl	SH	F	NH-acetyl
amino acid	acyl	SH	F	OH
amino acid	acyl	SH	F	OMe
amino acid	acyl	SH	F	OEt
amino acid	acyl	SH	F	O-cyclopropyl
amino acid	acyl	SH	F	O-acetyl
amino acid	acyl	SH	F	SH
amino acid	acyl	SH	F	SMe
amino acid	acyl	SH	F	SEt
amino acid	acyl	SH	F	S-cyclopropyl
amino acid	acyl	SH	F	F
amino acid	acyl	SH	F	Cl
amino acid	acyl	SH	F	Br
amino acid	acyl	SH	F	I

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	SH	Cl	H
acyl	H	SH	Cl	NH <sub>2</sub>
acyl	H	SH	Cl	NH-cyclopropyl
acyl	H	SH	Cl	NH-methyl
acyl	H	SH	Cl	NH-ethyl
acyl	H	SH	Cl	NH-acetyl
acyl	H	SH	Cl	OH
acyl	H	SH	Cl	OMe
acyl	H	SH	Cl	OEt
acyl	H	SH	Cl	O-cyclopropyl
acyl	H	SH	Cl	O-acetyl
acyl	H	SH	Cl	SH
acyl	H	SH	Cl	SMe
acyl	H	SH	Cl	SEt
acyl	H	SH	Cl	S-cyclopropyl
acyl	H	SH	Cl	F
acyl	H	SH	Cl	Cl
acyl	H	SH	Cl	Br
acyl	H	SH	Cl	I
acyl	acyl	SH	Cl	H
acyl	acyl	SH	Cl	NH <sub>2</sub>
acyl	acyl	SH	Cl	NH-cyclopropyl
acyl	acyl	SH	Cl	NH-methyl
acyl	acyl	SH	Cl	NH-ethyl
acyl	acyl	SH	Cl	NH-acetyl
acyl	acyl	SH	Cl	OH
acyl	acyl	SH	Cl	OMe
acyl	acyl	SH	Cl	OEt
acyl	acyl	SH	Cl	O-cyclopropyl
acyl	acyl	SH	Cl	O-acetyl
acyl	acyl	SH	Cl	SH
acyl	acyl	SH	Cl	SMe
acyl	acyl	SH	Cl	SEt
acyl	acyl	SH	Cl	S-cyclopropyl
acyl	acyl	SH	Cl	F
acyl	acyl	SH	Cl	Cl
acyl	acyl	SH	Cl	Br
acyl	acyl	SH	Cl	I
acyl	amino acid	SH	Cl	H
acyl	amino acid	SH	Cl	NH <sub>2</sub>
acyl	amino acid	SH	Cl	NH-cyclopropyl
acyl	amino acid	SH	Cl	NH-methyl
acyl	amino acid	SH	Cl	NH-ethyl
acyl	amino acid	SH	Cl	NH-acetyl
acyl	amino acid	SH	Cl	OH
acyl	amino acid	SH	Cl	OMe
acyl	amino acid	SH	Cl	OEt



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	SH	Cl	O-cyclopropyl
acyl	amino acid	SH	Cl	O-acetyl
acyl	amino acid	SH	Cl	SH
acyl	amino acid	SH	Cl	SMe
acyl	amino acid	SH	Cl	SEt
acyl	amino acid	SH	Cl	S-cyclopropyl
acyl	amino acid	SH	Cl	F
acyl	amino acid	SH	Cl	Cl
acyl	amino acid	SH	Cl	Br
acyl	amino acid	SH	Cl	I
H	acyl	SH	Cl	H
H	acyl	SH	Cl	NH <sub>2</sub>
H	acyl	SH	Cl	NH-cyclopropyl
H	acyl	SH	Cl	NH-methyl
H	acyl	SH	Cl	NH-ethyl
H	acyl	SH	Cl	NH-acetyl
H	acyl	SH	Cl	OH
H	acyl	SH	Cl	OMe
H	acyl	SH	Cl	OEt
H	acyl	SH	Cl	O-cyclopropyl
H	acyl	SH	Cl	O-acetyl
H	acyl	SH	Cl	SH
H	acyl	SH	Cl	SMe
H	acyl	SH	Cl	SEt
H	acyl	SH	Cl	S-cyclopropyl
H	acyl	SH	Cl	F
H	acyl	SH	Cl	Cl
H	acyl	SH	Cl	Br
H	acyl	SH	Cl	I
H	amino acid	SH	Cl	H
H	amino acid	SH	Cl	NH <sub>2</sub>
H	amino acid	SH	Cl	NH-cyclopropyl
H	amino acid	SH	Cl	NH-methyl
H	amino acid	SH	Cl	NH-ethyl
H	amino acid	SH	Cl	NH-acetyl
H	amino acid	SH	Cl	OH
H	amino acid	SH	Cl	OMe
H	amino acid	SH	Cl	OEt
H	amino acid	SH	Cl	O-cyclopropyl
H	amino acid	SH	Cl	O-acetyl
H	amino acid	SH	Cl	SH
H	amino acid	SH	Cl	SMe
H	amino acid	SH	Cl	SEt
H	amino acid	SH	Cl	S-cyclopropyl
H	amino acid	SH	Cl	F
H	amino acid	SH	Cl	Cl
H	amino acid	SH	Cl	Br

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	SH	Cl	I
amino acid	amino acid	SH	Cl	H
amino acid	amino acid	SH	Cl	NH <sub>2</sub>
amino acid	amino acid	SH	Cl	NH-cyclopropyl
amino acid	amino acid	SH	Cl	NH-methyl
amino acid	amino acid	SH	Cl	NH-ethyl
amino acid	amino acid	SH	Cl	NH-acetyl
amino acid	amino acid	SH	Cl	OH
amino acid	amino acid	SH	Cl	OMe
amino acid	amino acid	SH	Cl	OEt
amino acid	amino acid	SH	Cl	O-cyclopropyl
amino acid	amino acid	SH	Cl	O-acetyl
amino acid	amino acid	SH	Cl	SH
amino acid	amino acid	SH	Cl	SMe
amino acid	amino acid	SH	Cl	SEt
amino acid	amino acid	SH	Cl	S-cyclopropyl
amino acid	amino acid	SH	Cl	F
amino acid	amino acid	SH	Cl	Cl
amino acid	amino acid	SH	Cl	Br
amino acid	amino acid	SH	Cl	I
amino acid	H	SH	Cl	H
amino acid	H	SH	Cl	NH <sub>2</sub>
amino acid	H	SH	Cl	NH-cyclopropyl
amino acid	H	SH	Cl	NH-methyl
amino acid	H	SH	Cl	NH-ethyl
amino acid	H	SH	Cl	NH-acetyl
amino acid	H	SH	Cl	OH
amino acid	H	SH	Cl	OMe
amino acid	H	SH	Cl	OEt
amino acid	H	SH	Cl	O-cyclopropyl
amino acid	H	SH	Cl	O-acetyl
amino acid	H	SH	Cl	SH
amino acid	H	SH	Cl	SMe
amino acid	H	SH	Cl	SEt
amino acid	H	SH	Cl	S-cyclopropyl
amino acid	H	SH	Cl	F
amino acid	H	SH	Cl	Cl
amino acid	H	SH	Cl	Br
amino acid	H	SH	Cl	I
amino acid	acyl	SH	Cl	H
amino acid	acyl	SH	Cl	NH <sub>2</sub>
amino acid	acyl	SH	Cl	NH-cyclopropyl
amino acid	acyl	SH	Cl	NH-methyl
amino acid	acyl	SH	Cl	NH-ethyl
amino acid	acyl	SH	Cl	NH-acetyl
amino acid	acyl	SH	Cl	OH
amino acid	acyl	SH	Cl	OMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	SH	Cl	OEt
amino acid	acyl	SH	Cl	O-cyclopropyl
amino acid	acyl	SH	Cl	O-acetyl
amino acid	acyl	SH	Cl	SH
amino acid	acyl	SH	Cl	SMe
amino acid	acyl	SH	Cl	SEt
amino acid	acyl	SH	Cl	S-cyclopropyl
amino acid	acyl	SH	Cl	F
amino acid	acyl	SH	Cl	Cl
amino acid	acyl	SH	Cl	Br
amino acid	acyl	SH	Cl	I
acyl	H	SH	Br	H
acyl	H	SH	Br	NH <sub>2</sub>
acyl	H	SH	Br	NH-cyclopropyl
acyl	H	SH	Br	NH-methyl
acyl	H	SH	Br	NH-ethyl
acyl	H	SH	Br	NH-acetyl
acyl	H	SH	Br	OH
acyl	H	SH	Br	OMe
acyl	H	SH	Br	OEt
acyl	H	SH	Br	O-cyclopropyl
acyl	H	SH	Br	O-acetyl
acyl	H	SH	Br	SH
acyl	H	SH	Br	SMe
acyl	H	SH	Br	SEt
acyl	H	SH	Br	S-cyclopropyl
acyl	H	SH	Br	F
acyl	H	SH	Br	Cl
acyl	H	SH	Br	Br
acyl	H	SH	Br	I
acyl	acyl	SH	Br	H
acyl	acyl	SH	Br	NH <sub>2</sub>
acyl	acyl	SH	Br	NH-cyclopropyl
acyl	acyl	SH	Br	NH-methyl
acyl	acyl	SH	Br	NH-ethyl
acyl	acyl	SH	Br	NH-acetyl
acyl	acyl	SH	Br	OH
acyl	acyl	SH	Br	OMe
acyl	acyl	SH	Br	OEt
acyl	acyl	SH	Br	O-cyclopropyl
acyl	acyl	SH	Br	O-acetyl
acyl	acyl	SH	Br	SH
acyl	acyl	SH	Br	SMe
acyl	acyl	SH	Br	SEt
acyl	acyl	SH	Br	S-cyclopropyl
acyl	acyl	SH	Br	F
acyl	acyl	SH	Br	Cl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	SH	Br	Br
acyl	acyl	SH	Br	I
acyl	amino acid	SH	Br	H
acyl	amino acid	SH	Br	NH <sub>2</sub>
acyl	amino acid	SH	Br	NH-cyclopropyl
acyl	amino acid	SH	Br	NH-methyl
acyl	amino acid	SH	Br	NH-ethyl
acyl	amino acid	SH	Br	NH-acetyl
acyl	amino acid	SH	Br	OH
acyl	amino acid	SH	Br	OMe
acyl	amino acid	SH	Br	OEt
acyl	amino acid	SH	Br	O-cyclopropyl
acyl	amino acid	SH	Br	O-acetyl
acyl	amino acid	SH	Br	SH
acyl	amino acid	SH	Br	SMe
acyl	amino acid	SH	Br	SEt
acyl	amino acid	SH	Br	S-cyclopropyl
acyl	amino acid	SH	Br	F
acyl	amino acid	SH	Br	Cl
acyl	amino acid	SH	Br	Br
acyl	amino acid	SH	Br	I
H	acyl	SH	Br	H
H	acyl	SH	Br	NH <sub>2</sub>
H	acyl	SH	Br	NH-cyclopropyl
H	acyl	SH	Br	NH-methyl
H	acyl	SH	Br	NH-ethyl
H	acyl	SH	Br	NH-acetyl
H	acyl	SH	Br	OH
H	acyl	SH	Br	OMe
H	acyl	SH	Br	OEt
H	acyl	SH	Br	O-cyclopropyl
H	acyl	SH	Br	O-acetyl
H	acyl	SH	Br	SH
H	acyl	SH	Br	SMe
H	acyl	SH	Br	SEt
H	acyl	SH	Br	S-cyclopropyl
H	acyl	SH	Br	F
H	acyl	SH	Br	Cl
H	acyl	SH	Br	Br
H	acyl	SH	Br	I
H	amino acid	SH	Br	H
H	amino acid	SH	Br	NH <sub>2</sub>
H	amino acid	SH	Br	NH-cyclopropyl
H	amino acid	SH	Br	NH-methyl
H	amino acid	SH	Br	NH-ethyl
H	amino acid	SH	Br	NH-acetyl
H	amino acid	SH	Br	OH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	SH	Br	OMe
H	amino acid	SH	Br	OEt
H	amino acid	SH	Br	O-cyclopropyl
H	amino acid	SH	Br	O-acetyl
H	amino acid	SH	Br	SH
H	amino acid	SH	Br	SMe
H	amino acid	SH	Br	SEt
H	amino acid	SH	Br	S-cyclopropyl
H	amino acid	SH	Br	F
H	amino acid	SH	Br	Cl
H	amino acid	SH	Br	Br
H	amino acid	SH	Br	I
amino acid	amino acid	SH	Br	H
amino acid	amino acid	SH	Br	NH <sub>2</sub>
amino acid	amino acid	SH	Br	NH-cyclopropyl
amino acid	amino acid	SH	Br	NH-methyl
amino acid	amino acid	SH	Br	NH-ethyl
amino acid	amino acid	SH	Br	NH-acetyl
amino acid	amino acid	SH	Br	OH
amino acid	amino acid	SH	Br	OMe
amino acid	amino acid	SH	Br	OEt
amino acid	amino acid	SH	Br	O-cyclopropyl
amino acid	amino acid	SH	Br	O-acetyl
amino acid	amino acid	SH	Br	SH
amino acid	amino acid	SH	Br	SMe
amino acid	amino acid	SH	Br	SEt
amino acid	amino acid	SH	Br	S-cyclopropyl
amino acid	amino acid	SH	Br	F
amino acid	amino acid	SH	Br	Cl
amino acid	amino acid	SH	Br	Br
amino acid	amino acid	SH	Br	I
amino acid	H	SH	Br	H
amino acid	H	SH	Br	NH <sub>2</sub>
amino acid	H	SH	Br	NH-cyclopropyl
amino acid	H	SH	Br	NH-methyl
amino acid	H	SH	Br	NH-ethyl
amino acid	H	SH	Br	NH-acetyl
amino acid	H	SH	Br	OH
amino acid	H	SH	Br	OMe
amino acid	H	SH	Br	OEt
amino acid	H	SH	Br	O-cyclopropyl
amino acid	H	SH	Br	O-acetyl
amino acid	H	SH	Br	SH
amino acid	H	SH	Br	SMe
amino acid	H	SH	Br	SEt
amino acid	H	SH	Br	S-cyclopropyl
amino acid	H	SH	Br	F

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	SH	Br	Cl
amino acid	H	SH	Br	Br
amino acid	H	SH	Br	I
amino acid	acyl	SH	Br	H
amino acid	acyl	SH	Br	NH <sub>2</sub>
amino acid	acyl	SH	Br	NH-cyclopropyl
amino acid	acyl	SH	Br	NH-methyl
amino acid	acyl	SH	Br	NH-ethyl
amino acid	acyl	SH	Br	NH-acetyl
amino acid	acyl	SH	Br	OH
amino acid	acyl	SH	Br	OMe
amino acid	acyl	SH	Br	OEt
amino acid	acyl	SH	Br	O-cyclopropyl
amino acid	acyl	SH	Br	O-acetyl
amino acid	acyl	SH	Br	SH
amino acid	acyl	SH	Br	SMe
amino acid	acyl	SH	Br	SEt
amino acid	acyl	SH	Br	S-cyclopropyl
amino acid	acyl	SH	Br	F
amino acid	acyl	SH	Br	Cl
amino acid	acyl	SH	Br	Br
amino acid	acyl	SH	Br	I
acyl	H	H	SH	H
acyl	H	H	SH	NH <sub>2</sub>
acyl	H	H	SH	NH-cyclopropyl
acyl	H	H	SH	NH-methyl
acyl	H	H	SH	NH-ethyl
acyl	H	H	SH	NH-acetyl
acyl	H	H	SH	OH
acyl	H	H	SH	OMe
acyl	H	H	SH	OEt
acyl	H	H	SH	O-cyclopropyl
acyl	H	H	SH	O-acetyl
acyl	H	H	SH	SH
acyl	H	H	SH	SMe
acyl	H	H	SH	SEt
acyl	H	H	SH	S-cyclopropyl
acyl	H	H	SH	F
acyl	H	H	SH	Cl
acyl	H	H	SH	Br
acyl	H	H	SH	I
acyl	acyl	H	SH	H
acyl	acyl	H	SH	NH <sub>2</sub>
acyl	acyl	H	SH	NH-cyclopropyl
acyl	acyl	H	SH	NH-methyl
acyl	acyl	H	SH	NH-ethyl
acyl	acyl	H	SH	NH-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	H	SH	OH
acyl	acyl	H	SH	OMe
acyl	acyl	H	SH	OEt
acyl	acyl	H	SH	O-cyclopropyl
acyl	acyl	H	SH	O-acetyl
acyl	acyl	H	SH	SH
acyl	acyl	H	SH	SMe
acyl	acyl	H	SH	SEt
acyl	acyl	H	SH	S-cyclopropyl
acyl	acyl	H	SH	F
acyl	acyl	H	SH	Cl
acyl	acyl	H	SH	Br
acyl	acyl	H	SH	I
acyl	amino acid	H	SH	H
acyl	amino acid	H	SH	NH <sub>2</sub>
acyl	amino acid	H	SH	NH-cyclopropyl
acyl	amino acid	H	SH	NH-methyl
acyl	amino acid	H	SH	NH-ethyl
acyl	amino acid	H	SH	NH-acetyl
acyl	amino acid	H	SH	OH
acyl	amino acid	H	SH	OMe
acyl	amino acid	H	SH	OEt
acyl	amino acid	H	SH	O-cyclopropyl
acyl	amino acid	H	SH	O-acetyl
acyl	amino acid	H	SH	SH
acyl	amino acid	H	SH	SMe
acyl	amino acid	H	SH	SEt
acyl	amino acid	H	SH	S-cyclopropyl
acyl	amino acid	H	SH	F
acyl	amino acid	H	SH	Cl
acyl	amino acid	H	SH	Br
acyl	amino acid	H	SH	I
H	acyl	H	SH	H
H	acyl	H	SH	NH <sub>2</sub>
H	acyl	H	SH	NH-cyclopropyl
H	acyl	H	SH	NH-methyl
H	acyl	H	SH	NH-ethyl
H	acyl	H	SH	NH-acetyl
H	acyl	H	SH	OH
H	acyl	H	SH	OMe
H	acyl	H	SH	OEt
H	acyl	H	SH	O-cyclopropyl
H	acyl	H	SH	O-acetyl
H	acyl	H	SH	SH
H	acyl	H	SH	SMe
H	acyl	H	SH	SEt
H	acyl	H	SH	S-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	H	SH	F
H	acyl	H	SH	Cl
H	acyl	H	SH	Br
H	acyl	H	SH	I
H	amino acid	H	SH	H
H	amino acid	H	SH	NH <sub>2</sub>
H	amino acid	H	SH	NH-cyclopropyl
H	amino acid	H	SH	NH-methyl
H	amino acid	H	SH	NH-ethyl
H	amino acid	H	SH	NH-acetyl
H	amino acid	H	SH	OH
H	amino acid	H	SH	OMe
H	amino acid	H	SH	OEt
H	amino acid	H	SH	O-cyclopropyl
H	amino acid	H	SH	O-acetyl
H	amino acid	H	SH	SH
H	amino acid	H	SH	SMe
H	amino acid	H	SH	SEt
H	amino acid	H	SH	S-cyclopropyl
H	amino acid	H	SH	F
H	amino acid	H	SH	Cl
H	amino acid	H	SH	Br
H	amino acid	H	SH	I
amino acid	amino acid	H	SH	H
amino acid	amino acid	H	SH	NH <sub>2</sub>
amino acid	amino acid	H	SH	NH-cyclopropyl
amino acid	amino acid	H	SH	NH-methyl
amino acid	amino acid	H	SH	NH-ethyl
amino acid	amino acid	H	SH	NH-acetyl
amino acid	amino acid	H	SH	OH
amino acid	amino acid	H	SH	OMe
amino acid	amino acid	H	SH	OEt
amino acid	amino acid	H	SH	O-cyclopropyl
amino acid	amino acid	H	SH	O-acetyl
amino acid	amino acid	H	SH	SH
amino acid	amino acid	H	SH	SMe
amino acid	amino acid	H	SH	SEt
amino acid	amino acid	H	SH	S-cyclopropyl
amino acid	amino acid	H	SH	F
amino acid	amino acid	H	SH	Cl
amino acid	amino acid	H	SH	Br
amino acid	amino acid	H	SH	I
amino acid	H	H	SH	H
amino acid	H	H	SH	NH <sub>2</sub>
amino acid	H	H	SH	NH-cyclopropyl
amino acid	H	H	SH	NH-methyl
amino acid	H	H	SH	NH-ethyl



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	H	SH	NH-acetyl
amino acid	H	H	SH	OH
amino acid	H	H	SH	OMe
amino acid	H	H	SH	OEt
amino acid	H	H	SH	O-cyclopropyl
amino acid	H	H	SH	O-acetyl
amino acid	H	H	SH	SH
amino acid	H	H	SH	SMe
amino acid	H	H	SH	SEt
amino acid	H	H	SH	S-cyclopropyl
amino acid	H	H	SH	F
amino acid	H	H	SH	Cl
amino acid	H	H	SH	Br
amino acid	H	H	SH	I
amino acid	acyl	H	SH	H
amino acid	acyl	H	SH	NH <sub>2</sub>
amino acid	acyl	H	SH	NH-cyclopropyl
amino acid	acyl	H	SH	NH-methyl
amino acid	acyl	H	SH	NH-ethyl
amino acid	acyl	H	SH	NH-acetyl
amino acid	acyl	H	SH	OH
amino acid	acyl	H	SH	OMe
amino acid	acyl	H	SH	OEt
amino acid	acyl	H	SH	O-cyclopropyl
amino acid	acyl	H	SH	O-acetyl
amino acid	acyl	H	SH	SH
amino acid	acyl	H	SH	SMe
amino acid	acyl	H	SH	SEt
amino acid	acyl	H	SH	S-cyclopropyl
amino acid	acyl	H	SH	F
amino acid	acyl	H	SH	Cl
amino acid	acyl	H	SH	Br
amino acid	acyl	H	SH	I
acyl	H	F	SH	H
acyl	H	F	SH	NH <sub>2</sub>
acyl	H	F	SH	NH-cyclopropyl
acyl	H	F	SH	NH-methyl
acyl	H	F	SH	NH-ethyl
acyl	H	F	SH	NH-acetyl
acyl	H	F	SH	OH
acyl	H	F	SH	OMe
acyl	H	F	SH	OEt
acyl	H	F	SH	O-cyclopropyl
acyl	H	F	SH	O-acetyl
acyl	H	F	SH	SH
acyl	H	F	SH	SMe
acyl	H	F	SH	SEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	F	SH	S-cyclopropyl
acyl	H	F	SH	F
acyl	H	F	SH	Cl
acyl	H	F	SH	Br
acyl	H	F	SH	I
acyl	acyl	F	SH	H
acyl	acyl	F	SH	NH <sub>2</sub>
acyl	acyl	F	SH	NH-cyclopropyl
acyl	acyl	F	SH	NH-methyl
acyl	acyl	F	SH	NH-ethyl
acyl	acyl	F	SH	NH-acetyl
acyl	acyl	F	SH	OH
acyl	acyl	F	SH	OMe
acyl	acyl	F	SH	OEt
acyl	acyl	F	SH	O-cyclopropyl
acyl	acyl	F	SH	O-acetyl
acyl	acyl	F	SH	SH
acyl	acyl	F	SH	SMe
acyl	acyl	F	SH	SEt
acyl	acyl	F	SH	S-cyclopropyl
acyl	acyl	F	SH	F
acyl	acyl	F	SH	Cl
acyl	acyl	F	SH	Br
acyl	acyl	F	SH	I
acyl	amino acid	F	SH	H
acyl	amino acid	F	SH	NH <sub>2</sub>
acyl	amino acid	F	SH	NH-cyclopropyl
acyl	amino acid	F	SH	NH-methyl
acyl	amino acid	F	SH	NH-ethyl
acyl	amino acid	F	SH	NH-acetyl
acyl	amino acid	F	SH	OH
acyl	amino acid	F	SH	OMe
acyl	amino acid	F	SH	OEt
acyl	amino acid	F	SH	O-cyclopropyl
acyl	amino acid	F	SH	O-acetyl
acyl	amino acid	F	SH	SH
acyl	amino acid	F	SH	SMe
acyl	amino acid	F	SH	SEt
acyl	amino acid	F	SH	S-cyclopropyl
acyl	amino acid	F	SH	F
acyl	amino acid	F	SH	Cl
acyl	amino acid	F	SH	Br
acyl	amino acid	F	SH	I
H	acyl	F	SH	H
H	acyl	F	SH	NH <sub>2</sub>
H	acyl	F	SH	NH-cyclopropyl
H	acyl	F	SH	NH-methyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	F	SH	NH-ethyl
H	acyl	F	SH	NH-acetyl
H	acyl	F	SH	OH
H	acyl	F	SH	OMe
H	acyl	F	SH	OEt
H	acyl	F	SH	O-cyclopropyl
H	acyl	F	SH	O-acetyl
H	acyl	F	SH	SH
H	acyl	F	SH	SMe
H	acyl	F	SH	SEt
H	acyl	F	SH	S-cyclopropyl
H	acyl	F	SH	F
H	acyl	F	SH	Cl
H	acyl	F	SH	Br
H	acyl	F	SH	I
H	amino acid	F	SH	H
H	amino acid	F	SH	NH <sub>2</sub>
H	amino acid	F	SH	NH-cyclopropyl
H	amino acid	F	SH	NH-methyl
H	amino acid	F	SH	NH-ethyl
H	amino acid	F	SH	NH-acetyl
H	amino acid	F	SH	OH
H	amino acid	F	SH	OMe
H	amino acid	F	SH	OEt
H	amino acid	F	SH	O-cyclopropyl
H	amino acid	F	SH	O-acetyl
H	amino acid	F	SH	SH
H	amino acid	F	SH	SMe
H	amino acid	F	SH	SEt
H	amino acid	F	SH	S-cyclopropyl
H	amino acid	F	SH	F
H	amino acid	F	SH	Cl
H	amino acid	F	SH	Br
H	amino acid	F	SH	I
amino acid	amino acid	F	SH	H
amino acid	amino acid	F	SH	NH <sub>2</sub>
amino acid	amino acid	F	SH	NH-cyclopropyl
amino acid	amino acid	F	SH	NH-methyl
amino acid	amino acid	F	SH	NH-ethyl
amino acid	amino acid	F	SH	NH-acetyl
amino acid	amino acid	F	SH	OH
amino acid	amino acid	F	SH	OMe
amino acid	amino acid	F	SH	OEt
amino acid	amino acid	F	SH	O-cyclopropyl
amino acid	amino acid	F	SH	O-acetyl
amino acid	amino acid	F	SH	SH
amino acid	amino acid	F	SH	SMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	F	SH	SEt
amino acid	amino acid	F	SH	S-cyclopropyl
amino acid	amino acid	F	SH	F
amino acid	amino acid	F	SH	Cl
amino acid	amino acid	F	SH	Br
amino acid	amino acid	F	SH	I
amino acid	H	F	SH	H
amino acid	H	F	SH	NH <sub>2</sub>
amino acid	H	F	SH	NH-cyclopropyl
amino acid	H	F	SH	NH-methyl
amino acid	H	F	SH	NH-ethyl
amino acid	H	F	SH	NH-acetyl
amino acid	H	F	SH	OH
amino acid	H	F	SH	OMe
amino acid	H	F	SH	OEt
amino acid	H	F	SH	O-cyclopropyl
amino acid	H	F	SH	O-acetyl
amino acid	H	F	SH	SH
amino acid	H	F	SH	SMe
amino acid	H	F	SH	SEt
amino acid	H	F	SH	S-cyclopropyl
amino acid	H	F	SH	F
amino acid	H	F	SH	Cl
amino acid	H	F	SH	Br
amino acid	H	F	SH	I
amino acid	acyl	F	SH	H
amino acid	acyl	F	SH	NH <sub>2</sub>
amino acid	acyl	F	SH	NH-cyclopropyl
amino acid	acyl	F	SH	NH-methyl
amino acid	acyl	F	SH	NH-ethyl
amino acid	acyl	F	SH	NH-acetyl
amino acid	acyl	F	SH	OH
amino acid	acyl	F	SH	OMe
amino acid	acyl	F	SH	OEt
amino acid	acyl	F	SH	O-cyclopropyl
amino acid	acyl	F	SH	O-acetyl
amino acid	acyl	F	SH	SH
amino acid	acyl	F	SH	SMe
amino acid	acyl	F	SH	SEt
amino acid	acyl	F	SH	S-cyclopropyl
amino acid	acyl	F	SH	F
amino acid	acyl	F	SH	Cl
amino acid	acyl	F	SH	Br
amino acid	acyl	F	SH	I
acyl	H	Cl	SH	H
acyl	H	Cl	SH	NH <sub>2</sub>
acyl	H	Cl	SH	NH-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	Cl	SH	NH-methyl
acyl	H	Cl	SH	NH-ethyl
acyl	H	Cl	SH	NH-acetyl
acyl	H	Cl	SH	OH
acyl	H	Cl	SH	OMe
acyl	H	Cl	SH	OEt
acyl	H	Cl	SH	O-cyclopropyl
acyl	H	Cl	SH	O-acetyl
acyl	H	Cl	SH	SH
acyl	H	Cl	SH	SMe
acyl	H	Cl	SH	SEt
acyl	H	Cl	SH	S-cyclopropyl
acyl	H	Cl	SH	F
acyl	H	Cl	SH	Cl
acyl	H	Cl	SH	Br
acyl	H	Cl	SH	I
acyl	acyl	Cl	SH	H
acyl	acyl	Cl	SH	NH <sub>2</sub>
acyl	acyl	Cl	SH	NH-cyclopropyl
acyl	acyl	Cl	SH	NH-methyl
acyl	acyl	Cl	SH	NH-ethyl
acyl	acyl	Cl	SH	NH-acetyl
acyl	acyl	Cl	SH	OH
acyl	acyl	Cl	SH	OMe
acyl	acyl	Cl	SH	OEt
acyl	acyl	Cl	SH	O-cyclopropyl
acyl	acyl	Cl	SH	O-acetyl
acyl	acyl	Cl	SH	SH
acyl	acyl	Cl	SH	SMe
acyl	acyl	Cl	SH	SEt
acyl	acyl	Cl	SH	S-cyclopropyl
acyl	acyl	Cl	SH	F
acyl	acyl	Cl	SH	Cl
acyl	acyl	Cl	SH	Br
acyl	acyl	Cl	SH	I
acyl	amino acid	Cl	SH	H
acyl	amino acid	Cl	SH	NH <sub>2</sub>
acyl	amino acid	Cl	SH	NH-cyclopropyl
acyl	amino acid	Cl	SH	NH-methyl
acyl	amino acid	Cl	SH	NH-ethyl
acyl	amino acid	Cl	SH	NH-acetyl
acyl	amino acid	Cl	SH	OH
acyl	amino acid	Cl	SH	OMe
acyl	amino acid	Cl	SH	OEt
acyl	amino acid	Cl	SH	O-cyclopropyl
acyl	amino acid	Cl	SH	O-acetyl
acyl	amino acid	Cl	SH	SH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	Cl	SH	SMe
acyl	amino acid	Cl	SH	SEt
acyl	amino acid	Cl	SH	S-cyclopropyl
acyl	amino acid	Cl	SH	F
acyl	amino acid	Cl	SH	Cl
acyl	amino acid	Cl	SH	Br
acyl	amino acid	Cl	SH	I
H	acyl	Cl	SH	H
H	acyl	Cl	SH	NH <sub>2</sub>
H	acyl	Cl	SH	NH-cyclopropyl
H	acyl	Cl	SH	NH-methyl
H	acyl	Cl	SH	NH-ethyl
H	acyl	Cl	SH	NH-acetyl
H	acyl	Cl	SH	OH
H	acyl	Cl	SH	OMe
H	acyl	Cl	SH	OEt
H	acyl	Cl	SH	O-cyclopropyl
H	acyl	Cl	SH	O-acetyl
H	acyl	Cl	SH	SH
H	acyl	Cl	SH	SMe
H	acyl	Cl	SH	SEt
H	acyl	Cl	SH	S-cyclopropyl
H	acyl	Cl	SH	F
H	acyl	Cl	SH	Cl
H	acyl	Cl	SH	Br
H	acyl	Cl	SH	I
H	amino acid	Cl	SH	H
H	amino acid	Cl	SH	NH <sub>2</sub>
H	amino acid	Cl	SH	NH-cyclopropyl
H	amino acid	Cl	SH	NH-methyl
H	amino acid	Cl	SH	NH-ethyl
H	amino acid	Cl	SH	NH-acetyl
H	amino acid	Cl	SH	OH
H	amino acid	Cl	SH	OMe
H	amino acid	Cl	SH	OEt
H	amino acid	Cl	SH	O-cyclopropyl
H	amino acid	Cl	SH	O-acetyl
H	amino acid	Cl	SH	SH
H	amino acid	Cl	SH	SMe
H	amino acid	Cl	SH	SEt
H	amino acid	Cl	SH	S-cyclopropyl
H	amino acid	Cl	SH	F
H	amino acid	Cl	SH	Cl
H	amino acid	Cl	SH	Br
H	amino acid	Cl	SH	I
amino acid	amino acid	Cl	SH	H
amino acid	amino acid	Cl	SH	NH <sub>2</sub>

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	Cl	SH	NH-cyclopropyl
amino acid	amino acid	Cl	SH	NH-methyl
amino acid	amino acid	Cl	SH	NH-ethyl
amino acid	amino acid	Cl	SH	NH-acetyl
amino acid	amino acid	Cl	SH	OH
amino acid	amino acid	Cl	SH	OMe
amino acid	amino acid	Cl	SH	OEt
amino acid	amino acid	Cl	SH	O-cyclopropyl
amino acid	amino acid	Cl	SH	O-acetyl
amino acid	amino acid	Cl	SH	SH
amino acid	amino acid	Cl	SH	SMe
amino acid	amino acid	Cl	SH	SEt
amino acid	amino acid	Cl	SH	S-cyclopropyl
amino acid	amino acid	Cl	SH	F
amino acid	amino acid	Cl	SH	Cl
amino acid	amino acid	Cl	SH	Br
amino acid	amino acid	Cl	SH	I
amino acid	H	Cl	SH	H
amino acid	H	Cl	SH	NH <sub>2</sub>
amino acid	H	Cl	SH	NH-cyclopropyl
amino acid	H	Cl	SH	NH-methyl
amino acid	H	Cl	SH	NH-ethyl
amino acid	H	Cl	SH	NH-acetyl
amino acid	H	Cl	SH	OH
amino acid	H	Cl	SH	OMe
amino acid	H	Cl	SH	OEt
amino acid	H	Cl	SH	O-cyclopropyl
amino acid	H	Cl	SH	O-acetyl
amino acid	H	Cl	SH	SH
amino acid	H	Cl	SH	SMe
amino acid	H	Cl	SH	SEt
amino acid	H	Cl	SH	S-cyclopropyl
amino acid	H	Cl	SH	F
amino acid	H	Cl	SH	Cl
amino acid	H	Cl	SH	Br
amino acid	H	Cl	SH	I
amino acid	acyl	Cl	SH	H
amino acid	acyl	Cl	SH	NH <sub>2</sub>
amino acid	acyl	Cl	SH	NH-cyclopropyl
amino acid	acyl	Cl	SH	NH-methyl
amino acid	acyl	Cl	SH	NH-ethyl
amino acid	acyl	Cl	SH	NH-acetyl
amino acid	acyl	Cl	SH	OH
amino acid	acyl	Cl	SH	OMe
amino acid	acyl	Cl	SH	OEt
amino acid	acyl	Cl	SH	O-cyclopropyl
amino acid	acyl	Cl	SH	O-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	Cl	SH	SH
amino acid	acyl	Cl	SH	SMe
amino acid	acyl	Cl	SH	SEt
amino acid	acyl	Cl	SH	S-cyclopropyl
amino acid	acyl	Cl	SH	F
amino acid	acyl	Cl	SH	Cl
amino acid	acyl	Cl	SH	Br
amino acid	acyl	Cl	SH	I
acyl	H	Br	SH	H
acyl	H	Br	SH	NH <sub>2</sub>
acyl	H	Br	SH	NH-cyclopropyl
acyl	H	Br	SH	NH-methyl
acyl	H	Br	SH	NH-ethyl
acyl	H	Br	SH	NH-acetyl
acyl	H	Br	SH	OH
acyl	H	Br	SH	OMe
acyl	H	Br	SH	OEt
acyl	H	Br	SH	O-cyclopropyl
acyl	H	Br	SH	O-acetyl
acyl	H	Br	SH	SH
acyl	H	Br	SH	SMe
acyl	H	Br	SH	SEt
acyl	H	Br	SH	S-cyclopropyl
acyl	H	Br	SH	F
acyl	H	Br	SH	Cl
acyl	H	Br	SH	Br
acyl	H	Br	SH	I
acyl	acyl	Br	SH	H
acyl	acyl	Br	SH	NH <sub>2</sub>
acyl	acyl	Br	SH	NH-cyclopropyl
acyl	acyl	Br	SH	NH-methyl
acyl	acyl	Br	SH	NH-ethyl
acyl	acyl	Br	SH	NH-acetyl
acyl	acyl	Br	SH	OH
acyl	acyl	Br	SH	OMe
acyl	acyl	Br	SH	OEt
acyl	acyl	Br	SH	O-cyclopropyl
acyl	acyl	Br	SH	O-acetyl
acyl	acyl	Br	SH	SH
acyl	acyl	Br	SH	SMe
acyl	acyl	Br	SH	SEt
acyl	acyl	Br	SH	S-cyclopropyl
acyl	acyl	Br	SH	F
acyl	acyl	Br	SH	Cl
acyl	acyl	Br	SH	Br
acyl	acyl	Br	SH	I
acyl	amino acid	Br	SH	H



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	Br	SH	NH <sub>2</sub>
acyl	amino acid	Br	SH	NH-cyclopropyl
acyl	amino acid	Br	SH	NH-methyl
acyl	amino acid	Br	SH	NH-ethyl
acyl	amino acid	Br	SH	NH-acetyl
acyl	amino acid	Br	SH	OH
acyl	amino acid	Br	SH	OMe
acyl	amino acid	Br	SH	OEt
acyl	amino acid	Br	SH	O-cyclopropyl
acyl	amino acid	Br	SH	O-acetyl
acyl	amino acid	Br	SH	SH
acyl	amino acid	Br	SH	SMe
acyl	amino acid	Br	SH	SEt
acyl	amino acid	Br	SH	S-cyclopropyl
acyl	amino acid	Br	SH	F
acyl	amino acid	Br	SH	Cl
acyl	amino acid	Br	SH	Br
acyl	amino acid	Br	SH	I
H	acyl	Br	SH	H
H	acyl	Br	SH	NH <sub>2</sub>
H	acyl	Br	SH	NH-cyclopropyl
H	acyl	Br	SH	NH-methyl
H	acyl	Br	SH	NH-ethyl
H	acyl	Br	SH	NH-acetyl
H	acyl	Br	SH	OH
H	acyl	Br	SH	OMe
H	acyl	Br	SH	OEt
H	acyl	Br	SH	O-cyclopropyl
H	acyl	Br	SH	O-acetyl
H	acyl	Br	SH	SH
H	acyl	Br	SH	SMe
H	acyl	Br	SH	SEt
H	acyl	Br	SH	S-cyclopropyl
H	acyl	Br	SH	F
H	acyl	Br	SH	Cl
H	acyl	Br	SH	Br
H	acyl	Br	SH	I
H	amino acid	Br	SH	H
H	amino acid	Br	SH	NH <sub>2</sub>
H	amino acid	Br	SH	NH-cyclopropyl
H	amino acid	Br	SH	NH-methyl
H	amino acid	Br	SH	NH-ethyl
H	amino acid	Br	SH	NH-acetyl
H	amino acid	Br	SH	OH
H	amino acid	Br	SH	OMe
H	amino acid	Br	SH	OEt
H	amino acid	Br	SH	O-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	Br	SH	O-acetyl
H	amino acid	Br	SH	SH
H	amino acid	Br	SH	SMe
H	amino acid	Br	SH	SEt
H	amino acid	Br	SH	S-cyclopropyl
H	amino acid	Br	SH	F
H	amino acid	Br	SH	Cl
H	amino acid	Br	SH	Br
H	amino acid	Br	SH	I
amino acid	amino acid	Br	SH	H
amino acid	amino acid	Br	SH	NH <sub>2</sub>
amino acid	amino acid	Br	SH	NH-cyclopropyl
amino acid	amino acid	Br	SH	NH-methyl
amino acid	amino acid	Br	SH	NH-ethyl
amino acid	amino acid	Br	SH	NH-acetyl
amino acid	amino acid	Br	SH	OH
amino acid	amino acid	Br	SH	OMe
amino acid	amino acid	Br	SH	OEt
amino acid	amino acid	Br	SH	O-cyclopropyl
amino acid	amino acid	Br	SH	O-acetyl
amino acid	amino acid	Br	SH	SH
amino acid	amino acid	Br	SH	SMe
amino acid	amino acid	Br	SH	SEt
amino acid	amino acid	Br	SH	S-cyclopropyl
amino acid	amino acid	Br	SH	F
amino acid	amino acid	Br	SH	Cl
amino acid	amino acid	Br	SH	Br
amino acid	amino acid	Br	SH	I
amino acid	H	Br	SH	H
amino acid	H	Br	SH	NH <sub>2</sub>
amino acid	H	Br	SH	NH-cyclopropyl
amino acid	H	Br	SH	NH-methyl
amino acid	H	Br	SH	NH-ethyl
amino acid	H	Br	SH	NH-acetyl
amino acid	H	Br	SH	OH
amino acid	H	Br	SH	OMe
amino acid	H	Br	SH	OEt
amino acid	H	Br	SH	O-cyclopropyl
amino acid	H	Br	SH	O-acetyl
amino acid	H	Br	SH	SH
amino acid	H	Br	SH	SMe
amino acid	H	Br	SH	SEt
amino acid	H	Br	SH	S-cyclopropyl
amino acid	H	Br	SH	F
amino acid	H	Br	SH	Cl
amino acid	H	Br	SH	Br
amino acid	H	Br	SH	I

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	Br	SH	H
amino acid	acyl	Br	SH	NH <sub>2</sub>
amino acid	acyl	Br	SH	NH-cyclopropyl
amino acid	acyl	Br	SH	NH-methyl
amino acid	acyl	Br	SH	NH-ethyl
amino acid	acyl	Br	SH	NH-acetyl
amino acid	acyl	Br	SH	OH
amino acid	acyl	Br	SH	OMe
amino acid	acyl	Br	SH	OEt
amino acid	acyl	Br	SH	O-cyclopropyl
amino acid	acyl	Br	SH	O-acetyl
amino acid	acyl	Br	SH	SH
amino acid	acyl	Br	SH	SMe
amino acid	acyl	Br	SH	SEt
amino acid	acyl	Br	SH	S-cyclopropyl
amino acid	acyl	Br	SH	F
amino acid	acyl	Br	SH	Cl
amino acid	acyl	Br	SH	Br
amino acid	acyl	Br	SH	I
acyl	H	F	F	H
acyl	H	F	F	NH <sub>2</sub>
acyl	H	F	F	NH-cyclopropyl
acyl	H	F	F	NH-methyl
acyl	H	F	F	NH-ethyl
acyl	H	F	F	NH-acetyl
acyl	H	F	F	OH
acyl	H	F	F	OMe
acyl	H	F	F	OEt
acyl	H	F	F	O-cyclopropyl
acyl	H	F	F	O-acetyl
acyl	H	F	F	SH
acyl	H	F	F	SMe
acyl	H	F	F	SEt
acyl	H	F	F	S-cyclopropyl
acyl	H	F	F	F
acyl	H	F	F	Cl
acyl	H	F	F	Br
acyl	H	F	F	I
acyl	acyl	F	F	H
acyl	acyl	F	F	NH <sub>2</sub>
acyl	acyl	F	F	NH-cyclopropyl
acyl	acyl	F	F	NH-methyl
acyl	acyl	F	F	NH-ethyl
acyl	acyl	F	F	NH-acetyl
acyl	acyl	F	F	OH
acyl	acyl	F	F	OMe
acyl	acyl	F	F	OEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	F	F	O-cyclopropyl
acyl	acyl	F	F	O-acetyl
acyl	acyl	F	F	SH
acyl	acyl	F	F	SMe
acyl	acyl	F	F	SEt
acyl	acyl	F	F	S-cyclopropyl
acyl	acyl	F	F	F
acyl	acyl	F	F	Cl
acyl	acyl	F	F	Br
acyl	acyl	F	F	I
acyl	amino acid	F	F	H
acyl	amino acid	F	F	NH <sub>2</sub>
acyl	amino acid	F	F	NH-cyclopropyl
acyl	amino acid	F	F	NH-methyl
acyl	amino acid	F	F	NH-ethyl
acyl	amino acid	F	F	NH-acetyl
acyl	amino acid	F	F	OH
acyl	amino acid	F	F	OMe
acyl	amino acid	F	F	OEt
acyl	amino acid	F	F	O-cyclopropyl
acyl	amino acid	F	F	O-acetyl
acyl	amino acid	F	F	SH
acyl	amino acid	F	F	SMe
acyl	amino acid	F	F	SEt
acyl	amino acid	F	F	S-cyclopropyl
acyl	amino acid	F	F	F
acyl	amino acid	F	F	Cl
acyl	amino acid	F	F	Br
acyl	amino acid	F	F	I
H	acyl	F	F	H
H	acyl	F	F	NH <sub>2</sub>
H	acyl	F	F	NH-cyclopropyl
H	acyl	F	F	NH-methyl
H	acyl	F	F	NH-ethyl
H	acyl	F	F	NH-acetyl
H	acyl	F	F	OH
H	acyl	F	F	OMe
H	acyl	F	F	OEt
H	acyl	F	F	O-cyclopropyl
H	acyl	F	F	O-acetyl
H	acyl	F	F	SH
H	acyl	F	F	SMe
H	acyl	F	F	SEt
H	acyl	F	F	S-cyclopropyl
H	acyl	F	F	F
H	acyl	F	F	Cl
H	acyl	F	F	Br

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	F	F	I
H	amino acid	F	F	H
H	amino acid	F	F	NH <sub>2</sub>
H	amino acid	F	F	NH-cyclopropyl
H	amino acid	F	F	NH-methyl
H	amino acid	F	F	NH-ethyl
H	amino acid	F	F	NH-acetyl
H	amino acid	F	F	OH
H	amino acid	F	F	OMe
H	amino acid	F	F	OEt
H	amino acid	F	F	O-cyclopropyl
H	amino acid	F	F	O-acetyl
H	amino acid	F	F	SH
H	amino acid	F	F	SMe
H	amino acid	F	F	SEt
H	amino acid	F	F	S-cyclopropyl
H	amino acid	F	F	F
H	amino acid	F	F	Cl
H	amino acid	F	F	Br
H	amino acid	F	F	I
amino acid	amino acid	F	F	H
amino acid	amino acid	F	F	NH <sub>2</sub>
amino acid	amino acid	F	F	NH-cyclopropyl
amino acid	amino acid	F	F	NH-methyl
amino acid	amino acid	F	F	NH-ethyl
amino acid	amino acid	F	F	NH-acetyl
amino acid	amino acid	F	F	OH
amino acid	amino acid	F	F	OMe
amino acid	amino acid	F	F	OEt
amino acid	amino acid	F	F	O-cyclopropyl
amino acid	amino acid	F	F	O-acetyl
amino acid	amino acid	F	F	SH
amino acid	amino acid	F	F	SMe
amino acid	amino acid	F	F	SEt
amino acid	amino acid	F	F	S-cyclopropyl
amino acid	amino acid	F	F	F
amino acid	amino acid	F	F	Cl
amino acid	amino acid	F	F	Br
amino acid	amino acid	F	F	I
amino acid	H	F	F	H
amino acid	H	F	F	NH <sub>2</sub>
amino acid	H	F	F	NH-cyclopropyl
amino acid	H	F	F	NH-methyl
amino acid	H	F	F	NH-ethyl
amino acid	H	F	F	NH-acetyl
amino acid	H	F	F	OH
amino acid	H	F	F	OMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	F	F	OEt
amino acid	H	F	F	O-cyclopropyl
amino acid	H	F	F	O-acetyl
amino acid	H	F	F	SH
amino acid	H	F	F	SMe
amino acid	H	F	F	SEt
amino acid	H	F	F	S-cyclopropyl
amino acid	H	F	F	F
amino acid	H	F	F	Cl
amino acid	H	F	F	Br
amino acid	H	F	F	I
amino acid	acyl	F	F	H
amino acid	acyl	F	F	NH <sub>2</sub>
amino acid	acyl	F	F	NH-cyclopropyl
amino acid	acyl	F	F	NH-methyl
amino acid	acyl	F	F	NH-ethyl
amino acid	acyl	F	F	NH-acetyl
amino acid	acyl	F	F	OH
amino acid	acyl	F	F	OMe
amino acid	acyl	F	F	OEt
amino acid	acyl	F	F	O-cyclopropyl
amino acid	acyl	F	F	O-acetyl
amino acid	acyl	F	F	SH
amino acid	acyl	F	F	SMe
amino acid	acyl	F	F	SEt
amino acid	acyl	F	F	S-cyclopropyl
amino acid	acyl	F	F	F
amino acid	acyl	F	F	Cl
amino acid	acyl	F	F	Br
amino acid	acyl	F	F	I
acyl	H	Cl	Cl	H
acyl	H	Cl	Cl	NH <sub>2</sub>
acyl	H	Cl	Cl	NH-cyclopropyl
acyl	H	Cl	Cl	NH-methyl
acyl	H	Cl	Cl	NH-ethyl
acyl	H	Cl	Cl	NH-acetyl
acyl	H	Cl	Cl	OH
acyl	H	Cl	Cl	OMe
acyl	H	Cl	Cl	OEt
acyl	H	Cl	Cl	O-cyclopropyl
acyl	H	Cl	Cl	O-acetyl
acyl	H	Cl	Cl	SH
acyl	H	Cl	Cl	SMe
acyl	H	Cl	Cl	SEt
acyl	H	Cl	Cl	S-cyclopropyl
acyl	H	Cl	Cl	F
acyl	H	Cl	Cl	Cl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	Cl	Cl	Br
acyl	H	Cl	Cl	I
acyl	acyl	Cl	Cl	H
acyl	acyl	Cl	Cl	NH <sub>2</sub>
acyl	acyl	Cl	Cl	NH-cyclopropyl
acyl	acyl	Cl	Cl	NH-methyl
acyl	acyl	Cl	Cl	NH-ethyl
acyl	acyl	Cl	Cl	NH-acetyl
acyl	acyl	Cl	Cl	OH
acyl	acyl	Cl	Cl	OMe
acyl	acyl	Cl	Cl	OEt
acyl	acyl	Cl	Cl	O-cyclopropyl
acyl	acyl	Cl	Cl	O-acetyl
acyl	acyl	Cl	Cl	SH
acyl	acyl	Cl	Cl	SMe
acyl	acyl	Cl	Cl	SEt
acyl	acyl	Cl	Cl	S-cyclopropyl
acyl	acyl	Cl	Cl	F
acyl	acyl	Cl	Cl	Cl
acyl	acyl	Cl	Cl	Br
acyl	acyl	Cl	Cl	I
acyl	amino acid	Cl	Cl	H
acyl	amino acid	Cl	Cl	NH <sub>2</sub>
acyl	amino acid	Cl	Cl	NH-cyclopropyl
acyl	amino acid	Cl	Cl	NH-methyl
acyl	amino acid	Cl	Cl	NH-ethyl
acyl	amino acid	Cl	Cl	NH-acetyl
acyl	amino acid	Cl	Cl	OH
acyl	amino acid	Cl	Cl	OMe
acyl	amino acid	Cl	Cl	OEt
acyl	amino acid	Cl	Cl	O-cyclopropyl
acyl	amino acid	Cl	Cl	O-acetyl
acyl	amino acid	Cl	Cl	SH
acyl	amino acid	Cl	Cl	SMe
acyl	amino acid	Cl	Cl	SEt
acyl	amino acid	Cl	Cl	S-cyclopropyl
acyl	amino acid	Cl	Cl	F
acyl	amino acid	Cl	Cl	Cl
acyl	amino acid	Cl	Cl	Br
acyl	amino acid	Cl	Cl	I
H	acyl	Cl	Cl	H
H	acyl	Cl	Cl	NH <sub>2</sub>
H	acyl	Cl	Cl	NH-cyclopropyl
H	acyl	Cl	Cl	NH-methyl
H	acyl	Cl	Cl	NH-ethyl
H	acyl	Cl	Cl	NH-acetyl
H	acyl	Cl	Cl	OH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	Cl	Cl	OMe
H	acyl	Cl	Cl	OEt
H	acyl	Cl	Cl	O-cyclopropyl
H	acyl	Cl	Cl	O-acetyl
H	acyl	Cl	Cl	SH
H	acyl	Cl	Cl	SMe
H	acyl	Cl	Cl	SEt
H	acyl	Cl	Cl	S-cyclopropyl
H	acyl	Cl	Cl	F
H	acyl	Cl	Cl	Cl
H	acyl	Cl	Cl	Br
H	acyl	Cl	Cl	I
H	amino acid	Cl	Cl	H
H	amino acid	Cl	Cl	NH <sub>2</sub>
H	amino acid	Cl	Cl	NH-cyclopropyl
H	amino acid	Cl	Cl	NH-methyl
H	amino acid	Cl	Cl	NH-ethyl
H	amino acid	Cl	Cl	NH-acetyl
H	amino acid	Cl	Cl	OH
H	amino acid	Cl	Cl	OMe
H	amino acid	Cl	Cl	OEt
H	amino acid	Cl	Cl	O-cyclopropyl
H	amino acid	Cl	Cl	O-acetyl
H	amino acid	Cl	Cl	SH
H	amino acid	Cl	Cl	SMe
H	amino acid	Cl	Cl	SEt
H	amino acid	Cl	Cl	S-cyclopropyl
H	amino acid	Cl	Cl	F
H	amino acid	Cl	Cl	Cl
H	amino acid	Cl	Cl	Br
H	amino acid	Cl	Cl	I
amino acid	amino acid	Cl	Cl	H
amino acid	amino acid	Cl	Cl	NH <sub>2</sub>
amino acid	amino acid	Cl	Cl	NH-cyclopropyl
amino acid	amino acid	Cl	Cl	NH-methyl
amino acid	amino acid	Cl	Cl	NH-ethyl
amino acid	amino acid	Cl	Cl	NH-acetyl
amino acid	amino acid	Cl	Cl	OH
amino acid	amino acid	Cl	Cl	OMe
amino acid	amino acid	Cl	Cl	OEt
amino acid	amino acid	Cl	Cl	O-cyclopropyl
amino acid	amino acid	Cl	Cl	O-acetyl
amino acid	amino acid	Cl	Cl	SH
amino acid	amino acid	Cl	Cl	SMe
amino acid	amino acid	Cl	Cl	SEt
amino acid	amino acid	Cl	Cl	S-cyclopropyl
amino acid	amino acid	Cl	Cl	F



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	Cl	Cl	Cl
amino acid	amino acid	Cl	Cl	Br
amino acid	amino acid	Cl	Cl	I
amino acid	H	Cl	Cl	H
amino acid	H	Cl	Cl	NH <sub>2</sub>
amino acid	H	Cl	Cl	NH-cyclopropyl
amino acid	H	Cl	Cl	NH-methyl
amino acid	H	Cl	Cl	NH-ethyl
amino acid	H	Cl	Cl	NH-acetyl
amino acid	H	Cl	Cl	OH
amino acid	H	Cl	Cl	OMe
amino acid	H	Cl	Cl	OEt
amino acid	H	Cl	Cl	O-cyclopropyl
amino acid	H	Cl	Cl	O-acetyl
amino acid	H	Cl	Cl	SH
amino acid	H	Cl	Cl	SMe
amino acid	H	Cl	Cl	SEt
amino acid	H	Cl	Cl	S-cyclopropyl
amino acid	H	Cl	Cl	F
amino acid	H	Cl	Cl	Cl
amino acid	H	Cl	Cl	Br
amino acid	H	Cl	Cl	I
amino acid	acyl	Cl	Cl	H
amino acid	acyl	Cl	Cl	NH <sub>2</sub>
amino acid	acyl	Cl	Cl	NH-cyclopropyl
amino acid	acyl	Cl	Cl	NH-methyl
amino acid	acyl	Cl	Cl	NH-ethyl
amino acid	acyl	Cl	Cl	NH-acetyl
amino acid	acyl	Cl	Cl	OH
amino acid	acyl	Cl	Cl	OMe
amino acid	acyl	Cl	Cl	OEt
amino acid	acyl	Cl	Cl	O-cyclopropyl
amino acid	acyl	Cl	Cl	O-acetyl
amino acid	acyl	Cl	Cl	SH
amino acid	acyl	Cl	Cl	SMe
amino acid	acyl	Cl	Cl	SEt
amino acid	acyl	Cl	Cl	S-cyclopropyl
amino acid	acyl	Cl	Cl	F
amino acid	acyl	Cl	Cl	Cl
amino acid	acyl	Cl	Cl	Br
amino acid	acyl	Cl	Cl	I
acyl	H	OH	OH	H
acyl	H	OH	OH	NH <sub>2</sub>
acyl	H	OH	OH	NH-cyclopropyl
acyl	H	OH	OH	NH-methyl
acyl	H	OH	OH	NH-ethyl
acyl	H	OH	OH	NH-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	OH	OH	OH
acyl	H	OH	OH	OMe
acyl	H	OH	OH	OEt
acyl	H	OH	OH	O-cyclopropyl
acyl	H	OH	OH	O-acetyl
acyl	H	OH	OH	SH
acyl	H	OH	OH	SMe
acyl	H	OH	OH	SEt
acyl	H	OH	OH	S-cyclopropyl
acyl	H	OH	OH	F
acyl	H	OH	OH	Cl
acyl	H	OH	OH	Br
acyl	H	OH	OH	I
acyl	acyl	OH	OH	H
acyl	acyl	OH	OH	NH <sub>2</sub>
acyl	acyl	OH	OH	NH-cyclopropyl
acyl	acyl	OH	OH	NH-methyl
acyl	acyl	OH	OH	NH-ethyl
acyl	acyl	OH	OH	NH-acetyl
acyl	acyl	OH	OH	OH
acyl	acyl	OH	OH	OMe
acyl	acyl	OH	OH	OEt
acyl	acyl	OH	OH	O-cyclopropyl
acyl	acyl	OH	OH	O-acetyl
acyl	acyl	OH	OH	SH
acyl	acyl	OH	OH	SMe
acyl	acyl	OH	OH	SEt
acyl	acyl	OH	OH	S-cyclopropyl
acyl	acyl	OH	OH	F
acyl	acyl	OH	OH	Cl
acyl	acyl	OH	OH	Br
acyl	acyl	OH	OH	I
acyl	amino acid	OH	OH	H
acyl	amino acid	OH	OH	NH <sub>2</sub>
acyl	amino acid	OH	OH	NH-cyclopropyl
acyl	amino acid	OH	OH	NH-methyl
acyl	amino acid	OH	OH	NH-ethyl
acyl	amino acid	OH	OH	NH-acetyl
acyl	amino acid	OH	OH	OH
acyl	amino acid	OH	OH	OMe
acyl	amino acid	OH	OH	OEt
acyl	amino acid	OH	OH	O-cyclopropyl
acyl	amino acid	OH	OH	O-acetyl
acyl	amino acid	OH	OH	SH
acyl	amino acid	OH	OH	SMe
acyl	amino acid	OH	OH	SEt
acyl	amino acid	OH	OH	S-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	OH	OH	F
acyl	amino acid	OH	OH	Cl
acyl	amino acid	OH	OH	Br
acyl	amino acid	OH	OH	I
H	acyl	OH	OH	H
H	acyl	OH	OH	NH <sub>2</sub>
H	acyl	OH	OH	NH-cyclopropyl
H	acyl	OH	OH	NH-methyl
H	acyl	OH	OH	NH-ethyl
H	acyl	OH	OH	NH-acetyl
H	acyl	OH	OH	OH
H	acyl	OH	OH	OMe
H	acyl	OH	OH	OEt
H	acyl	OH	OH	O-cyclopropyl
H	acyl	OH	OH	O-acetyl
H	acyl	OH	OH	SH
H	acyl	OH	OH	SMe
H	acyl	OH	OH	SEt
H	acyl	OH	OH	S-cyclopropyl
H	acyl	OH	OH	F
H	acyl	OH	OH	Cl
H	acyl	OH	OH	Br
H	acyl	OH	OH	I
H	amino acid	OH	OH	H
H	amino acid	OH	OH	NH <sub>2</sub>
H	amino acid	OH	OH	NH-cyclopropyl
H	amino acid	OH	OH	NH-methyl
H	amino acid	OH	OH	NH-ethyl
H	amino acid	OH	OH	NH-acetyl
H	amino acid	OH	OH	OH
H	amino acid	OH	OH	OMe
H	amino acid	OH	OH	OEt
H	amino acid	OH	OH	O-cyclopropyl
H	amino acid	OH	OH	O-acetyl
H	amino acid	OH	OH	SH
H	amino acid	OH	OH	SMe
H	amino acid	OH	OH	SEt
H	amino acid	OH	OH	S-cyclopropyl
H	amino acid	OH	OH	F
H	amino acid	OH	OH	Cl
H	amino acid	OH	OH	Br
H	amino acid	OH	OH	I
amino acid	amino acid	OH	OH	H
amino acid	amino acid	OH	OH	NH <sub>2</sub>
amino acid	amino acid	OH	OH	NH-cyclopropyl
amino acid	amino acid	OH	OH	NH-methyl
amino acid	amino acid	OH	OH	NH-ethyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	OH	OH	NH-acetyl
amino acid	amino acid	OH	OH	OH
amino acid	amino acid	OH	OH	OMe
amino acid	amino acid	OH	OH	OEt
amino acid	amino acid	OH	OH	O-cyclopropyl
amino acid	amino acid	OH	OH	O-acetyl
amino acid	amino acid	OH	OH	SH
amino acid	amino acid	OH	OH	SMe
amino acid	amino acid	OH	OH	SEt
amino acid	amino acid	OH	OH	S-cyclopropyl
amino acid	amino acid	OH	OH	F
amino acid	amino acid	OH	OH	Cl
amino acid	amino acid	OH	OH	Br
amino acid	amino acid	OH	OH	I
amino acid	H	OH	OH	H
amino acid	H	OH	OH	NH <sub>2</sub>
amino acid	H	OH	OH	NH-cyclopropyl
amino acid	H	OH	OH	NH-methyl
amino acid	H	OH	OH	NH-ethyl
amino acid	H	OH	OH	NH-acetyl
amino acid	H	OH	OH	OH
amino acid	H	OH	OH	OMe
amino acid	H	OH	OH	OEt
amino acid	H	OH	OH	O-cyclopropyl
amino acid	H	OH	OH	O-acetyl
amino acid	H	OH	OH	SH
amino acid	H	OH	OH	SMe
amino acid	H	OH	OH	SEt
amino acid	H	OH	OH	S-cyclopropyl
amino acid	H	OH	OH	F
amino acid	H	OH	OH	Cl
amino acid	H	OH	OH	Br
amino acid	H	OH	OH	I
amino acid	acyl	OH	OH	H
amino acid	acyl	OH	OH	NH <sub>2</sub>
amino acid	acyl	OH	OH	NH-cyclopropyl
amino acid	acyl	OH	OH	NH-methyl
amino acid	acyl	OH	OH	NH-ethyl
amino acid	acyl	OH	OH	NH-acetyl
amino acid	acyl	OH	OH	OH
amino acid	acyl	OH	OH	OMe
amino acid	acyl	OH	OH	OEt
amino acid	acyl	OH	OH	O-cyclopropyl
amino acid	acyl	OH	OH	O-acetyl
amino acid	acyl	OH	OH	SH
amino acid	acyl	OH	OH	SMe
amino acid	acyl	OH	OH	SEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	OH	OH	S-cyclopropyl
amino acid	acyl	OH	OH	F
amino acid	acyl	OH	OH	Cl
amino acid	acyl	OH	OH	Br
amino acid	acyl	OH	OH	I
acyl	H	SH	SH	H
acyl	H	SH	SH	NH <sub>2</sub>
acyl	H	SH	SH	NH-cyclopropyl
acyl	H	SH	SH	NH-methyl
acyl	H	SH	SH	NH-ethyl
acyl	H	SH	SH	NH-acetyl
acyl	H	SH	SH	OH
acyl	H	SH	SH	OMe
acyl	H	SH	SH	OEt
acyl	H	SH	SH	O-cyclopropyl
acyl	H	SH	SH	O-acetyl
acyl	H	SH	SH	SH
acyl	H	SH	SH	SMe
acyl	H	SH	SH	SEt
acyl	H	SH	SH	S-cyclopropyl
acyl	H	SH	SH	F
acyl	H	SH	SH	Cl
acyl	H	SH	SH	Br
acyl	H	SH	SH	I
acyl	acyl	SH	SH	H
acyl	acyl	SH	SH	NH <sub>2</sub>
acyl	acyl	SH	SH	NH-cyclopropyl
acyl	acyl	SH	SH	NH-methyl
acyl	acyl	SH	SH	NH-ethyl
acyl	acyl	SH	SH	NH-acetyl
acyl	acyl	SH	SH	OH
acyl	acyl	SH	SH	OMe
acyl	acyl	SH	SH	OEt
acyl	acyl	SH	SH	O-cyclopropyl
acyl	acyl	SH	SH	O-acetyl
acyl	acyl	SH	SH	SH
acyl	acyl	SH	SH	SMe
acyl	acyl	SH	SH	SEt
acyl	acyl	SH	SH	S-cyclopropyl
acyl	acyl	SH	SH	F
acyl	acyl	SH	SH	Cl
acyl	acyl	SH	SH	Br
acyl	acyl	SH	SH	I
acyl	amino acid	SH	SH	H
acyl	amino acid	SH	SH	NH <sub>2</sub>
acyl	amino acid	SH	SH	NH-cyclopropyl
acyl	amino acid	SH	SH	NH-methyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	SH	SH	NH-ethyl
acyl	amino acid	SH	SH	NH-acetyl
acyl	amino acid	SH	SH	OH
acyl	amino acid	SH	SH	OMe
acyl	amino acid	SH	SH	OEt
acyl	amino acid	SH	SH	O-cyclopropyl
acyl	amino acid	SH	SH	O-acetyl
acyl	amino acid	SH	SH	SH
acyl	amino acid	SH	SH	SMe
acyl	amino acid	SH	SH	SEt
acyl	amino acid	SH	SH	S-cyclopropyl
acyl	amino acid	SH	SH	F
acyl	amino acid	SH	SH	Cl
acyl	amino acid	SH	SH	Br
acyl	amino acid	SH	SH	I
H	acyl	SH	SH	H
H	acyl	SH	SH	NH <sub>2</sub>
H	acyl	SH	SH	NH-cyclopropyl
H	acyl	SH	SH	NH-methyl
H	acyl	SH	SH	NH-ethyl
H	acyl	SH	SH	NH-acetyl
H	acyl	SH	SH	OH
H	acyl	SH	SH	OMe
H	acyl	SH	SH	OEt
H	acyl	SH	SH	O-cyclopropyl
H	acyl	SH	SH	O-acetyl
H	acyl	SH	SH	SH
H	acyl	SH	SH	SMe
H	acyl	SH	SH	SEt
H	acyl	SH	SH	S-cyclopropyl
H	acyl	SH	SH	F
H	acyl	SH	SH	Cl
H	acyl	SH	SH	Br
H	acyl	SH	SH	I
H	amino acid	SH	SH	H
H	amino acid	SH	SH	NH <sub>2</sub>
H	amino acid	SH	SH	NH-cyclopropyl
H	amino acid	SH	SH	NH-methyl
H	amino acid	SH	SH	NH-ethyl
H	amino acid	SH	SH	NH-acetyl
H	amino acid	SH	SH	OH
H	amino acid	SH	SH	OMe
H	amino acid	SH	SH	OEt
H	amino acid	SH	SH	O-cyclopropyl
H	amino acid	SH	SH	O-acetyl
H	amino acid	SH	SH	SH
H	amino acid	SH	SH	SMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	SH	SH	SEt
H	amino acid	SH	SH	S-cyclopropyl
H	amino acid	SH	SH	F
H	amino acid	SH	SH	Cl
H	amino acid	SH	SH	Br
H	amino acid	SH	SH	I
amino acid	amino acid	SH	SH	H
amino acid	amino acid	SH	SH	NH <sub>2</sub>
amino acid	amino acid	SH	SH	NH-cyclopropyl
amino acid	amino acid	SH	SH	NH-methyl
amino acid	amino acid	SH	SH	NH-ethyl
amino acid	amino acid	SH	SH	NH-acetyl
amino acid	amino acid	SH	SH	OH
amino acid	amino acid	SH	SH	OMe
amino acid	amino acid	SH	SH	OEt
amino acid	amino acid	SH	SH	O-cyclopropyl
amino acid	amino acid	SH	SH	O-acetyl
amino acid	amino acid	SH	SH	SH
amino acid	amino acid	SH	SH	SMe
amino acid	amino acid	SH	SH	SEt
amino acid	amino acid	SH	SH	S-cyclopropyl
amino acid	amino acid	SH	SH	F
amino acid	amino acid	SH	SH	Cl
amino acid	amino acid	SH	SH	Br
amino acid	amino acid	SH	SH	I
amino acid	H	SH	SH	H
amino acid	H	SH	SH	NH <sub>2</sub>
amino acid	H	SH	SH	NH-cyclopropyl
amino acid	H	SH	SH	NH-methyl
amino acid	H	SH	SH	NH-ethyl
amino acid	H	SH	SH	NH-acetyl
amino acid	H	SH	SH	OH
amino acid	H	SH	SH	OMe
amino acid	H	SH	SH	OEt
amino acid	H	SH	SH	O-cyclopropyl
amino acid	H	SH	SH	O-acetyl
amino acid	H	SH	SH	SH
amino acid	H	SH	SH	SMe
amino acid	H	SH	SH	SEt
amino acid	H	SH	SH	S-cyclopropyl
amino acid	H	SH	SH	F
amino acid	H	SH	SH	Cl
amino acid	H	SH	SH	Br
amino acid	H	SH	SH	I
amino acid	acyl	SH	SH	H
amino acid	acyl	SH	SH	NH <sub>2</sub>
amino acid	acyl	SH	SH	NH-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	SH	SH	NH-methyl
amino acid	acyl	SH	SH	NH-ethyl
amino acid	acyl	SH	SH	NH-acetyl
amino acid	acyl	SH	SH	OH
amino acid	acyl	SH	SH	OMe
amino acid	acyl	SH	SH	OEt
amino acid	acyl	SH	SH	O-cyclopropyl
amino acid	acyl	SH	SH	O-acetyl
amino acid	acyl	SH	SH	SH
amino acid	acyl	SH	SH	SMe
amino acid	acyl	SH	SH	SEt
amino acid	acyl	SH	SH	S-cyclopropyl
amino acid	acyl	SH	SH	F
amino acid	acyl	SH	SH	Cl
amino acid	acyl	SH	SH	Br
amino acid	acyl	SH	SH	I



Table 8

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
acyl	H	H	H
acyl	H	H	NH <sub>2</sub>
acyl	H	H	NH-cyclopropyl
acyl	H	H	NH-methyl
acyl	H	H	NH-ethyl
acyl	H	H	NH-acetyl
acyl	H	H	OH
acyl	H	H	OMe
acyl	H	H	OEt
acyl	H	H	O-cyclopropyl
acyl	H	H	O-acetyl
acyl	H	H	SH
acyl	H	H	SMe
acyl	H	H	SEt
acyl	H	H	S-cyclopropyl
acyl	H	H	F
acyl	H	H	Cl
acyl	H	H	Br
acyl	H	H	I
acyl	acyl	H	H
acyl	acyl	H	NH <sub>2</sub>
acyl	acyl	H	NH-cyclopropyl
acyl	acyl	H	NH-methyl
acyl	acyl	H	NH-ethyl
acyl	acyl	H	NH-acetyl
acyl	acyl	H	OH
acyl	acyl	H	OMe
acyl	acyl	H	OEt
acyl	acyl	H	O-cyclopropyl
acyl	acyl	H	O-acetyl
acyl	acyl	H	SH
acyl	acyl	H	SMe
acyl	acyl	H	SEt
acyl	acyl	H	S-cyclopropyl
acyl	acyl	H	F
acyl	acyl	H	Cl
acyl	acyl	H	Br
acyl	acyl	H	I
acyl	amino acid	H	H
acyl	amino acid	H	NH <sub>2</sub>
acyl	amino acid	H	NH-cyclopropyl
acyl	amino acid	H	NH-methyl
acyl	amino acid	H	NH-ethyl
acyl	amino acid	H	NH-acetyl
acyl	amino acid	H	OH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
acyl	amino acid	H	OMe
acyl	amino acid	H	OEt
acyl	amino acid	H	O-cyclopropyl
acyl	amino acid	H	O-acetyl
acyl	amino acid	H	SH
acyl	amino acid	H	SMe
acyl	amino acid	H	SEt
acyl	amino acid	H	S-cyclopropyl
acyl	amino acid	H	F
acyl	amino acid	H	Cl
acyl	amino acid	H	Br
acyl	amino acid	H	I
H	acyl	H	H
H	acyl	H	NH <sub>2</sub>
H	acyl	H	NH-cyclopropyl
H	acyl	H	NH-methyl
H	acyl	H	NH-ethyl
H	acyl	H	NH-acetyl
H	acyl	H	OH
H	acyl	H	OMe
H	acyl	H	OEt
H	acyl	H	O-cyclopropyl
H	acyl	H	O-acetyl
H	acyl	H	SH
H	acyl	H	SMe
H	acyl	H	SEt
H	acyl	H	S-cyclopropyl
H	acyl	H	F
H	acyl	H	Cl
H	acyl	H	Br
H	acyl	H	I
H	amino acid	H	H
H	amino acid	H	NH <sub>2</sub>
H	amino acid	H	NH-cyclopropyl
H	amino acid	H	NH-methyl
H	amino acid	H	NH-ethyl
H	amino acid	H	NH-acetyl
H	amino acid	H	OH
H	amino acid	H	OMe
H	amino acid	H	OEt
H	amino acid	H	O-cyclopropyl
H	amino acid	H	O-acetyl
H	amino acid	H	SH
H	amino acid	H	SMe
H	amino acid	H	SEt
H	amino acid	H	S-cyclopropyl
H	amino acid	H	F

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
H	amino acid	H	Cl
H	amino acid	H	Br
H	amino acid	H	I
amino acid	amino acid	H	H
amino acid	amino acid	H	NH <sub>2</sub>
amino acid	amino acid	H	NH-cyclopropyl
amino acid	amino acid	H	NH-methyl
amino acid	amino acid	H	NH-ethyl
amino acid	amino acid	H	NH-acetyl
amino acid	amino acid	H	OH
amino acid	amino acid	H	OMe
amino acid	amino acid	H	OEt
amino acid	amino acid	H	O-cyclopropyl
amino acid	amino acid	H	O-acetyl
amino acid	amino acid	H	SH
amino acid	amino acid	H	SMe
amino acid	amino acid	H	SEt
amino acid	amino acid	H	S-cyclopropyl
amino acid	amino acid	H	F
amino acid	amino acid	H	Cl
amino acid	amino acid	H	Br
amino acid	amino acid	H	I
amino acid	H	H	H
amino acid	H	H	NH <sub>2</sub>
amino acid	H	H	NH-cyclopropyl
amino acid	H	H	NH-methyl
amino acid	H	H	NH-ethyl
amino acid	H	H	NH-acetyl
amino acid	H	H	OH
amino acid	H	H	OMe
amino acid	H	H	OEt
amino acid	H	H	O-cyclopropyl
amino acid	H	H	O-acetyl
amino acid	H	H	SH
amino acid	H	H	SMe
amino acid	H	H	SEt
amino acid	H	H	S-cyclopropyl
amino acid	H	H	F
amino acid	H	H	Cl
amino acid	H	H	Br
amino acid	H	H	I
amino acid	acyl	H	H
amino acid	acyl	H	NH <sub>2</sub>
amino acid	acyl	H	NH-cyclopropyl
amino acid	acyl	H	NH-methyl
amino acid	acyl	H	NH-ethyl
amino acid	acyl	H	NH-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
amino acid	acyl	H	OH
amino acid	acyl	H	OMe
amino acid	acyl	H	OEt
amino acid	acyl	H	O-cyclopropyl
amino acid	acyl	H	O-acetyl
amino acid	acyl	H	SH
amino acid	acyl	H	SMe
amino acid	acyl	H	SEt
amino acid	acyl	H	S-cyclopropyl
amino acid	acyl	H	F
amino acid	acyl	H	Cl
amino acid	acyl	H	Br
amino acid	acyl	H	I
acyl	H	SH	H
acyl	H	SH	NH <sub>2</sub>
acyl	H	SH	NH-cyclopropyl
acyl	H	SH	NH-methyl
acyl	H	SH	NH-ethyl
acyl	H	SH	NH-acetyl
acyl	H	SH	OH
acyl	H	SH	OMe
acyl	H	SH	OEt
acyl	H	SH	O-cyclopropyl
acyl	H	SH	O-acetyl
acyl	H	SH	SH
acyl	H	SH	SMe
acyl	H	SH	SEt
acyl	H	SH	S-cyclopropyl
acyl	H	SH	F
acyl	H	SH	Cl
acyl	H	SH	Br
acyl	H	SH	I
acyl	acyl	SH	H
acyl	acyl	SH	NH <sub>2</sub>
acyl	acyl	SH	NH-cyclopropyl
acyl	acyl	SH	NH-methyl
acyl	acyl	SH	NH-ethyl
acyl	acyl	SH	NH-acetyl
acyl	acyl	SH	OH
acyl	acyl	SH	OMe
acyl	acyl	SH	OEt
acyl	acyl	SH	O-cyclopropyl
acyl	acyl	SH	O-acetyl
acyl	acyl	SH	SH
acyl	acyl	SH	SMe
acyl	acyl	SH	SEt
acyl	acyl	SH	S-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
acyl	acyl	SH	F
acyl	acyl	SH	Cl
acyl	acyl	SH	Br
acyl	acyl	SH	I
acyl	amino acid	SH	H
acyl	amino acid	SH	NH <sub>2</sub>
acyl	amino acid	SH	NH-cyclopropyl
acyl	amino acid	SH	NH-methyl
acyl	amino acid	SH	NH-ethyl
acyl	amino acid	SH	NH-acetyl
acyl	amino acid	SH	OH
acyl	amino acid	SH	OMe
acyl	amino acid	SH	OEt
acyl	amino acid	SH	O-cyclopropyl
acyl	amino acid	SH	O-acetyl
acyl	amino acid	SH	SH
acyl	amino acid	SH	SMe
acyl	amino acid	SH	SEt
acyl	amino acid	SH	S-cyclopropyl
acyl	amino acid	SH	F
acyl	amino acid	SH	Cl
acyl	amino acid	SH	Br
acyl	amino acid	SH	I
H	acyl	SH	H
H	acyl	SH	NH <sub>2</sub>
H	acyl	SH	NH-cyclopropyl
H	acyl	SH	NH-methyl
H	acyl	SH	NH-ethyl
H	acyl	SH	NH-acetyl
H	acyl	SH	OH
H	acyl	SH	OMe
H	acyl	SH	OEt
H	acyl	SH	O-cyclopropyl
H	acyl	SH	O-acetyl
H	acyl	SH	SH
H	acyl	SH	SMe
H	acyl	SH	SEt
H	acyl	SH	S-cyclopropyl
H	acyl	SH	F
H	acyl	SH	Cl
H	acyl	SH	Br
H	acyl	SH	I
H	amino acid	SH	H
H	amino acid	SH	NH <sub>2</sub>
H	amino acid	SH	NH-cyclopropyl
H	amino acid	SH	NH-methyl
H	amino acid	SH	NH-ethyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
H	amino acid	SH	NH-acetyl
H	amino acid	SH	OH
H	amino acid	SH	OMe
H	amino acid	SH	OEt
H	amino acid	SH	O-cyclopropyl
H	amino acid	SH	O-acetyl
H	amino acid	SH	SH
H	amino acid	SH	SMe
H	amino acid	SH	SEt
H	amino acid	SH	S-cyclopropyl
H	amino acid	SH	F
H	amino acid	SH	Cl
H	amino acid	SH	Br
H	amino acid	SH	I
amino acid	amino acid	SH	H
amino acid	amino acid	SH	NH <sub>2</sub>
amino acid	amino acid	SH	NH-cyclopropyl
amino acid	amino acid	SH	NH-methyl
amino acid	amino acid	SH	NH-ethyl
amino acid	amino acid	SH	NH-acetyl
amino acid	amino acid	SH	OH
amino acid	amino acid	SH	OMe
amino acid	amino acid	SH	OEt
amino acid	amino acid	SH	O-cyclopropyl
amino acid	amino acid	SH	O-acetyl
amino acid	amino acid	SH	SH
amino acid	amino acid	SH	SMe
amino acid	amino acid	SH	SEt
amino acid	amino acid	SH	S-cyclopropyl
amino acid	amino acid	SH	F
amino acid	amino acid	SH	Cl
amino acid	amino acid	SH	Br
amino acid	amino acid	SH	I
amino acid	H	SH	H
amino acid	H	SH	NH <sub>2</sub>
amino acid	H	SH	NH-cyclopropyl
amino acid	H	SH	NH-methyl
amino acid	H	SH	NH-ethyl
amino acid	H	SH	NH-acetyl
amino acid	H	SH	OH
amino acid	H	SH	OMe
amino acid	H	SH	OEt
amino acid	H	SH	O-cyclopropyl
amino acid	H	SH	O-acetyl
amino acid	H	SH	SH
amino acid	H	SH	SMe
amino acid	H	SH	SEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
amino acid	H	SH	S-cyclopropyl
amino acid	H	SH	F
amino acid	H	SH	Cl
amino acid	H	SH	Br
amino acid	H	SH	I
amino acid	acyl	SH	H
amino acid	acyl	SH	NH <sub>2</sub>
amino acid	acyl	SH	NH-cyclopropyl
amino acid	acyl	SH	NH-methyl
amino acid	acyl	SH	NH-ethyl
amino acid	acyl	SH	NH-acetyl
amino acid	acyl	SH	OH
amino acid	acyl	SH	OMe
amino acid	acyl	SH	OEt
amino acid	acyl	SH	O-cyclopropyl
amino acid	acyl	SH	O-acetyl
amino acid	acyl	SH	SH
amino acid	acyl	SH	SMe
amino acid	acyl	SH	SEt
amino acid	acyl	SH	S-cyclopropyl
amino acid	acyl	SH	F
amino acid	acyl	SH	Cl
amino acid	acyl	SH	Br
amino acid	acyl	SH	I
acyl	H	Cl	H
acyl	H	Cl	NH <sub>2</sub>
acyl	H	Cl	NH-cyclopropyl
acyl	H	Cl	NH-methyl
acyl	H	Cl	NH-ethyl
acyl	H	Cl	NH-acetyl
acyl	H	Cl	OH
acyl	H	Cl	OMe
acyl	H	Cl	OEt
acyl	H	Cl	O-cyclopropyl
acyl	H	Cl	O-acetyl
acyl	H	Cl	SH
acyl	H	Cl	SMe
acyl	H	Cl	SEt
acyl	H	Cl	S-cyclopropyl
acyl	H	Cl	F
acyl	H	Cl	Cl
acyl	H	Cl	Br
acyl	H	Cl	I
acyl	acyl	Cl	H
acyl	acyl	Cl	NH <sub>2</sub>
acyl	acyl	Cl	NH-cyclopropyl
acyl	acyl	Cl	NH-methyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
acyl	acyl	Cl	NH-ethyl
acyl	acyl	Cl	NH-acetyl
acyl	acyl	Cl	OH
acyl	acyl	Cl	OMe
acyl	acyl	Cl	OEt
acyl	acyl	Cl	O-cyclopropyl
acyl	acyl	Cl	O-acetyl
acyl	acyl	Cl	SH
acyl	acyl	Cl	SMe
acyl	acyl	Cl	SEt
acyl	acyl	Cl	S-cyclopropyl
acyl	acyl	Cl	F
acyl	acyl	Cl	Cl
acyl	acyl	Cl	Br
acyl	acyl	Cl	I
acyl	amino acid	Cl	H
acyl	amino acid	Cl	NH <sub>2</sub>
acyl	amino acid	Cl	NH-cyclopropyl
acyl	amino acid	Cl	NH-methyl
acyl	amino acid	Cl	NH-ethyl
acyl	amino acid	Cl	NH-acetyl
acyl	amino acid	Cl	OH
acyl	amino acid	Cl	OMe
acyl	amino acid	Cl	OEt
acyl	amino acid	Cl	O-cyclopropyl
acyl	amino acid	Cl	O-acetyl
acyl	amino acid	Cl	SH
acyl	amino acid	Cl	SMe
acyl	amino acid	Cl	SEt
acyl	amino acid	Cl	S-cyclopropyl
acyl	amino acid	Cl	F
acyl	amino acid	Cl	Cl
acyl	amino acid	Cl	Br
acyl	amino acid	Cl	I
H	acyl	Cl	H
H	acyl	Cl	NH <sub>2</sub>
H	acyl	Cl	NH-cyclopropyl
H	acyl	Cl	NH-methyl
H	acyl	Cl	NH-ethyl
H	acyl	Cl	NH-acetyl
H	acyl	Cl	OH
H	acyl	Cl	OMe
H	acyl	Cl	OEt
H	acyl	Cl	O-cyclopropyl
H	acyl	Cl	O-acetyl
H	acyl	Cl	SH
H	acyl	Cl	SMe



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
H	acyl	Cl	SEt
H	acyl	Cl	S-cyclopropyl
H	acyl	Cl	F
H	acyl	Cl	Cl
H	acyl	Cl	Br
H	acyl	Cl	I
H	amino acid	Cl	H
H	amino acid	Cl	NH <sub>2</sub>
H	amino acid	Cl	NH-cyclopropyl
H	amino acid	Cl	NH-methyl
H	amino acid	Cl	NH-ethyl
H	amino acid	Cl	NH-acetyl
H	amino acid	Cl	OH
H	amino acid	Cl	OMe
H	amino acid	Cl	OEt
H	amino acid	Cl	O-cyclopropyl
H	amino acid	Cl	O-acetyl
H	amino acid	Cl	SH
H	amino acid	Cl	SMe
H	amino acid	Cl	SEt
H	amino acid	Cl	S-cyclopropyl
H	amino acid	Cl	F
H	amino acid	Cl	Cl
H	amino acid	Cl	Br
H	amino acid	Cl	I
amino acid	amino acid	Cl	H
amino acid	amino acid	Cl	NH <sub>2</sub>
amino acid	amino acid	Cl	NH-cyclopropyl
amino acid	amino acid	Cl	NH-methyl
amino acid	amino acid	Cl	NH-ethyl
amino acid	amino acid	Cl	NH-acetyl
amino acid	amino acid	Cl	OH
amino acid	amino acid	Cl	OMe
amino acid	amino acid	Cl	OEt
amino acid	amino acid	Cl	O-cyclopropyl
amino acid	amino acid	Cl	O-acetyl
amino acid	amino acid	Cl	SH
amino acid	amino acid	Cl	SMe
amino acid	amino acid	Cl	SEt
amino acid	amino acid	Cl	S-cyclopropyl
amino acid	amino acid	Cl	F
amino acid	amino acid	Cl	Cl
amino acid	amino acid	Cl	Br
amino acid	amino acid	Cl	I
amino acid	H	Cl	H
amino acid	H	Cl	NH <sub>2</sub>
amino acid	H	Cl	NH-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
amino acid	H	Cl	NH-methyl
amino acid	H	Cl	NH-ethyl
amino acid	H	Cl	NH-acetyl
amino acid	H	Cl	OH
amino acid	H	Cl	OMe
amino acid	H	Cl	OEt
amino acid	H	Cl	O-cyclopropyl
amino acid	H	Cl	O-acetyl
amino acid	H	Cl	SH
amino acid	H	Cl	SMe
amino acid	H	Cl	SEt
amino acid	H	Cl	S-cyclopropyl
amino acid	H	Cl	F
amino acid	H	Cl	Cl
amino acid	H	Cl	Br
amino acid	H	Cl	I
amino acid	acyl	Cl	H
amino acid	acyl	Cl	NH <sub>2</sub>
amino acid	acyl	Cl	NH-cyclopropyl
amino acid	acyl	Cl	NH-methyl
amino acid	acyl	Cl	NH-ethyl
amino acid	acyl	Cl	NH-acetyl
amino acid	acyl	Cl	OH
amino acid	acyl	Cl	OMe
amino acid	acyl	Cl	OEt
amino acid	acyl	Cl	O-cyclopropyl
amino acid	acyl	Cl	O-acetyl
amino acid	acyl	Cl	SH
amino acid	acyl	Cl	SMe
amino acid	acyl	Cl	SEt
amino acid	acyl	Cl	S-cyclopropyl
amino acid	acyl	Cl	F
amino acid	acyl	Cl	Cl
amino acid	acyl	Cl	Br
amino acid	acyl	Cl	I
acyl	H	Br	H
acyl	H	Br	NH <sub>2</sub>
acyl	H	Br	NH-cyclopropyl
acyl	H	Br	NH-methyl
acyl	H	Br	NH-ethyl
acyl	H	Br	NH-acetyl
acyl	H	Br	OH
acyl	H	Br	OMe
acyl	H	Br	OEt
acyl	H	Br	O-cyclopropyl
acyl	H	Br	O-acetyl
acyl	H	Br	SH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
acyl	H	Br	SMe
acyl	H	Br	SEt
acyl	H	Br	S-cyclopropyl
acyl	H	Br	F
acyl	H	Br	Cl
acyl	H	Br	Br
acyl	H	Br	I
acyl	acyl	Br	H
acyl	acyl	Br	NH <sub>2</sub>
acyl	acyl	Br	NH-cyclopropyl
acyl	acyl	Br	NH-methyl
acyl	acyl	Br	NH-ethyl
acyl	acyl	Br	NH-acetyl
acyl	acyl	Br	OH
acyl	acyl	Br	OMe
acyl	acyl	Br	OEt
acyl	acyl	Br	O-cyclopropyl
acyl	acyl	Br	O-acetyl
acyl	acyl	Br	SH
acyl	acyl	Br	SMe
acyl	acyl	Br	SEt
acyl	acyl	Br	S-cyclopropyl
acyl	acyl	Br	F
acyl	acyl	Br	Cl
acyl	acyl	Br	Br
acyl	acyl	Br	I
acyl	amino acid	Br	H
acyl	amino acid	Br	NH <sub>2</sub>
acyl	amino acid	Br	NH-cyclopropyl
acyl	amino acid	Br	NH-methyl
acyl	amino acid	Br	NH-ethyl
acyl	amino acid	Br	NH-acetyl
acyl	amino acid	Br	OH
acyl	amino acid	Br	OMe
acyl	amino acid	Br	OEt
acyl	amino acid	Br	O-cyclopropyl
acyl	amino acid	Br	O-acetyl
acyl	amino acid	Br	SH
acyl	amino acid	Br	SMe
acyl	amino acid	Br	SEt
acyl	amino acid	Br	S-cyclopropyl
acyl	amino acid	Br	F
acyl	amino acid	Br	Cl
acyl	amino acid	Br	Br
acyl	amino acid	Br	I
H	acyl	Br	H
H	acyl	Br	NH <sub>2</sub>

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
H	acyl	Br	NH-cyclopropyl
H	acyl	Br	NH-methyl
H	acyl	Br	NH-ethyl
H	acyl	Br	NH-acetyl
H	acyl	Br	OH
H	acyl	Br	OMe
H	acyl	Br	OEt
H	acyl	Br	O-cyclopropyl
H	acyl	Br	O-acetyl
H	acyl	Br	SH
H	acyl	Br	SMe
H	acyl	Br	SEt
H	acyl	Br	S-cyclopropyl
H	acyl	Br	F
H	acyl	Br	Cl
H	acyl	Br	Br
H	acyl	Br	I
H	amino acid	Br	H
H	amino acid	Br	NH <sub>2</sub>
H	amino acid	Br	NH-cyclopropyl
H	amino acid	Br	NH-methyl
H	amino acid	Br	NH-ethyl
H	amino acid	Br	NH-acetyl
H	amino acid	Br	OH
H	amino acid	Br	OMe
H	amino acid	Br	OEt
H	amino acid	Br	O-cyclopropyl
H	amino acid	Br	O-acetyl
H	amino acid	Br	SH
H	amino acid	Br	SMe
H	amino acid	Br	SEt
H	amino acid	Br	S-cyclopropyl
H	amino acid	Br	F
H	amino acid	Br	Cl
H	amino acid	Br	Br
H	amino acid	Br	I
amino acid	amino acid	Br	H
amino acid	amino acid	Br	NH <sub>2</sub>
amino acid	amino acid	Br	NH-cyclopropyl
amino acid	amino acid	Br	NH-methyl
amino acid	amino acid	Br	NH-ethyl
amino acid	amino acid	Br	NH-acetyl
amino acid	amino acid	Br	OH
amino acid	amino acid	Br	OMe
amino acid	amino acid	Br	OEt
amino acid	amino acid	Br	O-cyclopropyl
amino acid	amino acid	Br	O-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
amino acid	amino acid	Br	SH
amino acid	amino acid	Br	SMe
amino acid	amino acid	Br	SEt
amino acid	amino acid	Br	S-cyclopropyl
amino acid	amino acid	Br	F
amino acid	amino acid	Br	Cl
amino acid	amino acid	Br	Br
amino acid	amino acid	Br	I
amino acid	H	Br	H
amino acid	H	Br	NH <sub>2</sub>
amino acid	H	Br	NH-cyclopropyl
amino acid	H	Br	NH-methyl
amino acid	H	Br	NH-ethyl
amino acid	H	Br	NH-acetyl
amino acid	H	Br	OH
amino acid	H	Br	OMe
amino acid	H	Br	OEt
amino acid	H	Br	O-cyclopropyl
amino acid	H	Br	O-acetyl
amino acid	H	Br	SH
amino acid	H	Br	SMe
amino acid	H	Br	SEt
amino acid	H	Br	S-cyclopropyl
amino acid	H	Br	F
amino acid	H	Br	Cl
amino acid	H	Br	Br
amino acid	H	Br	I
amino acid	acyl	Br	H
amino acid	acyl	Br	NH <sub>2</sub>
amino acid	acyl	Br	NH-cyclopropyl
amino acid	acyl	Br	NH-methyl
amino acid	acyl	Br	NH-ethyl
amino acid	acyl	Br	NH-acetyl
amino acid	acyl	Br	OH
amino acid	acyl	Br	OMe
amino acid	acyl	Br	OEt
amino acid	acyl	Br	O-cyclopropyl
amino acid	acyl	Br	O-acetyl
amino acid	acyl	Br	SH
amino acid	acyl	Br	SMe
amino acid	acyl	Br	SEt
amino acid	acyl	Br	S-cyclopropyl
amino acid	acyl	Br	F
amino acid	acyl	Br	Cl
amino acid	acyl	Br	Br
amino acid	acyl	Br	I
acyl	H	NH <sub>2</sub>	H

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>
acyl	H	NH <sub>2</sub>	NH-cyclopropyl
acyl	H	NH <sub>2</sub>	NH-methyl
acyl	H	NH <sub>2</sub>	NH-ethyl
acyl	H	NH <sub>2</sub>	NH-acetyl
acyl	H	NH <sub>2</sub>	OH
acyl	H	NH <sub>2</sub>	OMe
acyl	H	NH <sub>2</sub>	OEt
acyl	H	NH <sub>2</sub>	O-cyclopropyl
acyl	H	NH <sub>2</sub>	O-acetyl
acyl	H	NH <sub>2</sub>	SH
acyl	H	NH <sub>2</sub>	SMe
acyl	H	NH <sub>2</sub>	SEt
acyl	H	NH <sub>2</sub>	S-cyclopropyl
acyl	H	NH <sub>2</sub>	F
acyl	H	NH <sub>2</sub>	Cl
acyl	H	NH <sub>2</sub>	Br
acyl	H	NH <sub>2</sub>	I
acyl	acyl	NH <sub>2</sub>	H
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>
acyl	acyl	NH <sub>2</sub>	NH-cyclopropyl
acyl	acyl	NH <sub>2</sub>	NH-methyl
acyl	acyl	NH <sub>2</sub>	NH-ethyl
acyl	acyl	NH <sub>2</sub>	NH-acetyl
acyl	acyl	NH <sub>2</sub>	OH
acyl	acyl	NH <sub>2</sub>	OMe
acyl	acyl	NH <sub>2</sub>	OEt
acyl	acyl	NH <sub>2</sub>	O-cyclopropyl
acyl	acyl	NH <sub>2</sub>	O-acetyl
acyl	acyl	NH <sub>2</sub>	SH
acyl	acyl	NH <sub>2</sub>	SMe
acyl	acyl	NH <sub>2</sub>	SEt
acyl	acyl	NH <sub>2</sub>	S-cyclopropyl
acyl	acyl	NH <sub>2</sub>	F
acyl	acyl	NH <sub>2</sub>	Cl
acyl	acyl	NH <sub>2</sub>	Br
acyl	acyl	NH <sub>2</sub>	I
acyl	amino acid	NH <sub>2</sub>	H
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>
acyl	amino acid	NH <sub>2</sub>	NH-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	NH-methyl
acyl	amino acid	NH <sub>2</sub>	NH-ethyl
acyl	amino acid	NH <sub>2</sub>	NH-acetyl
acyl	amino acid	NH <sub>2</sub>	OH
acyl	amino acid	NH <sub>2</sub>	OMe
acyl	amino acid	NH <sub>2</sub>	OEt
acyl	amino acid	NH <sub>2</sub>	O-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
acyl	amino acid	NH <sub>2</sub>	O-acetyl
acyl	amino acid	NH <sub>2</sub>	SH
acyl	amino acid	NH <sub>2</sub>	SMe
acyl	amino acid	NH <sub>2</sub>	SEt
acyl	amino acid	NH <sub>2</sub>	S-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	F
acyl	amino acid	NH <sub>2</sub>	Cl
acyl	amino acid	NH <sub>2</sub>	Br
acyl	amino acid	NH <sub>2</sub>	I
H	acyl	NH <sub>2</sub>	H
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>
H	acyl	NH <sub>2</sub>	NH-cyclopropyl
H	acyl	NH <sub>2</sub>	NH-methyl
H	acyl	NH <sub>2</sub>	NH-ethyl
H	acyl	NH <sub>2</sub>	NH-acetyl
H	acyl	NH <sub>2</sub>	OH
H	acyl	NH <sub>2</sub>	OMe
H	acyl	NH <sub>2</sub>	OEt
H	acyl	NH <sub>2</sub>	O-cyclopropyl
H	acyl	NH <sub>2</sub>	O-acetyl
H	acyl	NH <sub>2</sub>	SH
H	acyl	NH <sub>2</sub>	SMe
H	acyl	NH <sub>2</sub>	SEt
H	acyl	NH <sub>2</sub>	S-cyclopropyl
H	acyl	NH <sub>2</sub>	F
H	acyl	NH <sub>2</sub>	Cl
H	acyl	NH <sub>2</sub>	Br
H	acyl	NH <sub>2</sub>	I
H	amino acid	NH <sub>2</sub>	H
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>
H	amino acid	NH <sub>2</sub>	NH-cyclopropyl
H	amino acid	NH <sub>2</sub>	NH-methyl
H	amino acid	NH <sub>2</sub>	NH-ethyl
H	amino acid	NH <sub>2</sub>	NH-acetyl
H	amino acid	NH <sub>2</sub>	OH
H	amino acid	NH <sub>2</sub>	OMe
H	amino acid	NH <sub>2</sub>	OEt
H	amino acid	NH <sub>2</sub>	O-cyclopropyl
H	amino acid	NH <sub>2</sub>	O-acetyl
H	amino acid	NH <sub>2</sub>	SH
H	amino acid	NH <sub>2</sub>	SMe
H	amino acid	NH <sub>2</sub>	SEt
H	amino acid	NH <sub>2</sub>	S-cyclopropyl
H	amino acid	NH <sub>2</sub>	F
H	amino acid	NH <sub>2</sub>	Cl
H	amino acid	NH <sub>2</sub>	Br
H	amino acid	NH <sub>2</sub>	I

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
amino acid	amino acid	NH <sub>2</sub>	H
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	amino acid	NH <sub>2</sub>	NH-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	NH-methyl
amino acid	amino acid	NH <sub>2</sub>	NH-ethyl
amino acid	amino acid	NH <sub>2</sub>	NH-acetyl
amino acid	amino acid	NH <sub>2</sub>	OH
amino acid	amino acid	NH <sub>2</sub>	OMe
amino acid	amino acid	NH <sub>2</sub>	OEt
amino acid	amino acid	NH <sub>2</sub>	O-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	O-acetyl
amino acid	amino acid	NH <sub>2</sub>	SH
amino acid	amino acid	NH <sub>2</sub>	SMe
amino acid	amino acid	NH <sub>2</sub>	SEt
amino acid	amino acid	NH <sub>2</sub>	S-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	F
amino acid	amino acid	NH <sub>2</sub>	Cl
amino acid	amino acid	NH <sub>2</sub>	Br
amino acid	amino acid	NH <sub>2</sub>	I
amino acid	H	NH <sub>2</sub>	H
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	H	NH <sub>2</sub>	NH-cyclopropyl
amino acid	H	NH <sub>2</sub>	NH-methyl
amino acid	H	NH <sub>2</sub>	NH-ethyl
amino acid	H	NH <sub>2</sub>	NH-acetyl
amino acid	H	NH <sub>2</sub>	OH
amino acid	H	NH <sub>2</sub>	OMe
amino acid	H	NH <sub>2</sub>	OEt
amino acid	H	NH <sub>2</sub>	O-cyclopropyl
amino acid	H	NH <sub>2</sub>	O-acetyl
amino acid	H	NH <sub>2</sub>	SH
amino acid	H	NH <sub>2</sub>	SMe
amino acid	H	NH <sub>2</sub>	SEt
amino acid	H	NH <sub>2</sub>	S-cyclopropyl
amino acid	H	NH <sub>2</sub>	F
amino acid	H	NH <sub>2</sub>	Cl
amino acid	H	NH <sub>2</sub>	Br
amino acid	H	NH <sub>2</sub>	I
amino acid	acyl	NH <sub>2</sub>	H
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	acyl	NH <sub>2</sub>	NH-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	NH-methyl
amino acid	acyl	NH <sub>2</sub>	NH-ethyl
amino acid	acyl	NH <sub>2</sub>	NH-acetyl
amino acid	acyl	NH <sub>2</sub>	OH
amino acid	acyl	NH <sub>2</sub>	OMe
amino acid	acyl	NH <sub>2</sub>	OEt



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
amino acid	acyl	NH <sub>2</sub>	O-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	O-acetyl
amino acid	acyl	NH <sub>2</sub>	SH
amino acid	acyl	NH <sub>2</sub>	SMe
amino acid	acyl	NH <sub>2</sub>	SEt
amino acid	acyl	NH <sub>2</sub>	S-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	F
amino acid	acyl	NH <sub>2</sub>	Cl
amino acid	acyl	NH <sub>2</sub>	Br
amino acid	acyl	NH <sub>2</sub>	I
acyl	H	OH	H
acyl	H	OH	NH <sub>2</sub>
acyl	H	OH	NH-cyclopropyl
acyl	H	OH	NH-methyl
acyl	H	OH	NH-ethyl
acyl	H	OH	NH-acetyl
acyl	H	OH	OH
acyl	H	OH	OMe
acyl	H	OH	OEt
acyl	H	OH	O-cyclopropyl
acyl	H	OH	O-acetyl
acyl	H	OH	SH
acyl	H	OH	SMe
acyl	H	OH	SEt
acyl	H	OH	S-cyclopropyl
acyl	H	OH	F
acyl	H	OH	Cl
acyl	H	OH	Br
acyl	H	OH	I
acyl	acyl	OH	H
acyl	acyl	OH	NH <sub>2</sub>
acyl	acyl	OH	NH-cyclopropyl
acyl	acyl	OH	NH-methyl
acyl	acyl	OH	NH-ethyl
acyl	acyl	OH	NH-acetyl
acyl	acyl	OH	OH
acyl	acyl	OH	OMe
acyl	acyl	OH	OEt
acyl	acyl	OH	O-cyclopropyl
acyl	acyl	OH	O-acetyl
acyl	acyl	OH	SH
acyl	acyl	OH	SMe
acyl	acyl	OH	SEt
acyl	acyl	OH	S-cyclopropyl
acyl	acyl	OH	F
acyl	acyl	OH	Cl
acyl	acyl	OH	Br

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
acyl	acyl	OH	I
acyl	amino acid	OH	H
acyl	amino acid	OH	NH <sub>2</sub>
acyl	amino acid	OH	NH-cyclopropyl
acyl	amino acid	OH	NH-methyl
acyl	amino acid	OH	NH-ethyl
acyl	amino acid	OH	NH-acetyl
acyl	amino acid	OH	OH
acyl	amino acid	OH	OMe
acyl	amino acid	OH	OEt
acyl	amino acid	OH	O-cyclopropyl
acyl	amino acid	OH	O-acetyl
acyl	amino acid	OH	SH
acyl	amino acid	OH	SMe
acyl	amino acid	OH	SEt
acyl	amino acid	OH	S-cyclopropyl
acyl	amino acid	OH	F
acyl	amino acid	OH	Cl
acyl	amino acid	OH	Br
acyl	amino acid	OH	I
H	acyl	OH	H
H	acyl	OH	NH <sub>2</sub>
H	acyl	OH	NH-cyclopropyl
H	acyl	OH	NH-methyl
H	acyl	OH	NH-ethyl
H	acyl	OH	NH-acetyl
H	acyl	OH	OH
H	acyl	OH	OMe
H	acyl	OH	OEt
H	acyl	OH	O-cyclopropyl
H	acyl	OH	O-acetyl
H	acyl	OH	SH
H	acyl	OH	SMe
H	acyl	OH	SEt
H	acyl	OH	S-cyclopropyl
H	acyl	OH	F
H	acyl	OH	Cl
H	acyl	OH	Br
H	acyl	OH	I
H	amino acid	OH	H
H	amino acid	OH	NH <sub>2</sub>
H	amino acid	OH	NH-cyclopropyl
H	amino acid	OH	NH-methyl
H	amino acid	OH	NH-ethyl
H	amino acid	OH	NH-acetyl
H	amino acid	OH	OH
H	amino acid	OH	OMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
H	amino acid	OH	OEt
H	amino acid	OH	O-cyclopropyl
H	amino acid	OH	O-acetyl
H	amino acid	OH	SH
H	amino acid	OH	SMe
H	amino acid	OH	SEt
H	amino acid	OH	S-cyclopropyl
H	amino acid	OH	F
H	amino acid	OH	Cl
H	amino acid	OH	Br
H	amino acid	OH	I
amino acid	amino acid	OH	H
amino acid	amino acid	OH	NH <sub>2</sub>
amino acid	amino acid	OH	NH-cyclopropyl
amino acid	amino acid	OH	NH-methyl
amino acid	amino acid	OH	NH-ethyl
amino acid	amino acid	OH	NH-acetyl
amino acid	amino acid	OH	OH
amino acid	amino acid	OH	OMe
amino acid	amino acid	OH	OEt
amino acid	amino acid	OH	O-cyclopropyl
amino acid	amino acid	OH	O-acetyl
amino acid	amino acid	OH	SH
amino acid	amino acid	OH	SMe
amino acid	amino acid	OH	SEt
amino acid	amino acid	OH	S-cyclopropyl
amino acid	amino acid	OH	F
amino acid	amino acid	OH	Cl
amino acid	amino acid	OH	Br
amino acid	amino acid	OH	I
amino acid	H	OH	H
amino acid	H	OH	NH <sub>2</sub>
amino acid	H	OH	NH-cyclopropyl
amino acid	H	OH	NH-methyl
amino acid	H	OH	NH-ethyl
amino acid	H	OH	NH-acetyl
amino acid	H	OH	OH
amino acid	H	OH	OMe
amino acid	H	OH	OEt
amino acid	H	OH	O-cyclopropyl
amino acid	H	OH	O-acetyl
amino acid	H	OH	SH
amino acid	H	OH	SMe
amino acid	H	OH	SEt
amino acid	H	OH	S-cyclopropyl
amino acid	H	OH	F
amino acid	H	OH	Cl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
amino acid	H	OH	Br
amino acid	H	OH	I
amino acid	acyl	OH	H
amino acid	acyl	OH	NH <sub>2</sub>
amino acid	acyl	OH	NH-cyclopropyl
amino acid	acyl	OH	NH-methyl
amino acid	acyl	OH	NH-ethyl
amino acid	acyl	OH	NH-acetyl
amino acid	acyl	OH	OH
amino acid	acyl	OH	OMe
amino acid	acyl	OH	OEt
amino acid	acyl	OH	O-cyclopropyl
amino acid	acyl	OH	O-acetyl
amino acid	acyl	OH	SH
amino acid	acyl	OH	SMe
amino acid	acyl	OH	SEt
amino acid	acyl	OH	S-cyclopropyl
amino acid	acyl	OH	F
amino acid	acyl	OH	Cl
amino acid	acyl	OH	Br
amino acid	acyl	OH	I
acyl	H	F	H
acyl	H	F	NH <sub>2</sub>
acyl	H	F	NH-cyclopropyl
acyl	H	F	NH-methyl
acyl	H	F	NH-ethyl
acyl	H	F	NH-acetyl
acyl	H	F	OH
acyl	H	F	OMe
acyl	H	F	OEt
acyl	H	F	O-cyclopropyl
acyl	H	F	O-acetyl
acyl	H	F	SH
acyl	H	F	SMe
acyl	H	F	SEt
acyl	H	F	S-cyclopropyl
acyl	H	F	F
acyl	H	F	Cl
acyl	H	F	Br
acyl	H	F	I
acyl	acyl	F	H
acyl	acyl	F	NH <sub>2</sub>
acyl	acyl	F	NH-cyclopropyl
acyl	acyl	F	NH-methyl
acyl	acyl	F	NH-ethyl
acyl	acyl	F	NH-acetyl
acyl	acyl	F	OH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
acyl	acyl	F	OMe
acyl	acyl	F	OEt
acyl	acyl	F	O-cyclopropyl
acyl	acyl	F	O-acetyl
acyl	acyl	F	SH
acyl	acyl	F	SMe
acyl	acyl	F	SEt
acyl	acyl	F	S-cyclopropyl
acyl	acyl	F	F
acyl	acyl	F	Cl
acyl	acyl	F	Br
acyl	acyl	F	I
acyl	amino acid	F	H
acyl	amino acid	F	NH <sub>2</sub>
acyl	amino acid	F	NH-cyclopropyl
acyl	amino acid	F	NH-methyl
acyl	amino acid	F	NH-ethyl
acyl	amino acid	F	NH-acetyl
acyl	amino acid	F	OH
acyl	amino acid	F	OMe
acyl	amino acid	F	OEt
acyl	amino acid	F	O-cyclopropyl
acyl	amino acid	F	O-acetyl
acyl	amino acid	F	SH
acyl	amino acid	F	SMe
acyl	amino acid	F	SEt
acyl	amino acid	F	S-cyclopropyl
acyl	amino acid	F	F
acyl	amino acid	F	Cl
acyl	amino acid	F	Br
acyl	amino acid	F	I
H	acyl	F	H
H	acyl	F	NH <sub>2</sub>
H	acyl	F	NH-cyclopropyl
H	acyl	F	NH-methyl
H	acyl	F	NH-ethyl
H	acyl	F	NH-acetyl
H	acyl	F	OH
H	acyl	F	OMe
H	acyl	F	OEt
H	acyl	F	O-cyclopropyl
H	acyl	F	O-acetyl
H	acyl	F	SH
H	acyl	F	SMe
H	acyl	F	SEt
H	acyl	F	S-cyclopropyl
H	acyl	F	F

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
H	acyl	F	Cl
H	acyl	F	Br
H	acyl	F	I
H	amino acid	F	H
H	amino acid	F	NH <sub>2</sub>
H	amino acid	F	NH-cyclopropyl
H	amino acid	F	NH-methyl
H	amino acid	F	NH-ethyl
H	amino acid	F	NH-acetyl
H	amino acid	F	OH
H	amino acid	F	OMe
H	amino acid	F	OEt
H	amino acid	F	O-cyclopropyl
H	amino acid	F	O-acetyl
H	amino acid	F	SH
H	amino acid	F	SMe
H	amino acid	F	SEt
H	amino acid	F	S-cyclopropyl
H	amino acid	F	F
H	amino acid	F	Cl
H	amino acid	F	Br
H	amino acid	F	I
amino acid	amino acid	F	H
amino acid	amino acid	F	NH <sub>2</sub>
amino acid	amino acid	F	NH-cyclopropyl
amino acid	amino acid	F	NH-methyl
amino acid	amino acid	F	NH-ethyl
amino acid	amino acid	F	NH-acetyl
amino acid	amino acid	F	OH
amino acid	amino acid	F	OMe
amino acid	amino acid	F	OEt
amino acid	amino acid	F	O-cyclopropyl
amino acid	amino acid	F	O-acetyl
amino acid	amino acid	F	SH
amino acid	amino acid	F	SMe
amino acid	amino acid	F	SEt
amino acid	amino acid	F	S-cyclopropyl
amino acid	amino acid	F	F
amino acid	amino acid	F	Cl
amino acid	amino acid	F	Br
amino acid	amino acid	F	I
amino acid	H	F	H
amino acid	H	F	NH <sub>2</sub>
amino acid	H	F	NH-cyclopropyl
amino acid	H	F	NH-methyl
amino acid	H	F	NH-ethyl
amino acid	H	F	NH-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
amino acid	H	F	OH
amino acid	H	F	OMe
amino acid	H	F	OEt
amino acid	H	F	O-cyclopropyl
amino acid	H	F	O-acetyl
amino acid	H	F	SH
amino acid	H	F	SMe
amino acid	H	F	SEt
amino acid	H	F	S-cyclopropyl
amino acid	H	F	F
amino acid	H	F	Cl
amino acid	H	F	Br
amino acid	H	F	I
amino acid	acyl	F	H
amino acid	acyl	F	NH <sub>2</sub>
amino acid	acyl	F	NH-cyclopropyl
amino acid	acyl	F	NH-methyl
amino acid	acyl	F	NH-ethyl
amino acid	acyl	F	NH-acetyl
amino acid	acyl	F	OH
amino acid	acyl	F	OMe
amino acid	acyl	F	OEt
amino acid	acyl	F	O-cyclopropyl
amino acid	acyl	F	O-acetyl
amino acid	acyl	F	SH
amino acid	acyl	F	SMe
amino acid	acyl	F	SEt
amino acid	acyl	F	S-cyclopropyl
amino acid	acyl	F	F
amino acid	acyl	F	Cl
amino acid	acyl	F	Br
amino acid	acyl	F	I
acyl	H	I	H
acyl	H	I	NH <sub>2</sub>
acyl	H	I	NH-cyclopropyl
acyl	H	I	NH-methyl
acyl	H	I	NH-ethyl
acyl	H	I	NH-acetyl
acyl	H	I	OH
acyl	H	I	OMe
acyl	H	I	OEt
acyl	H	I	O-cyclopropyl
acyl	H	I	O-acetyl
acyl	H	I	SH
acyl	H	I	SMe
acyl	H	I	SEt
acyl	H	I	S-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
acyl	H	I	F
acyl	H	I	Cl
acyl	H	I	Br
acyl	H	I	I
acyl	acyl	I	H
acyl	acyl	I	NH <sub>2</sub>
acyl	acyl	I	NH-cyclopropyl
acyl	acyl	I	NH-methyl
acyl	acyl	I	NH-ethyl
acyl	acyl	I	NH-acetyl
acyl	acyl	I	OH
acyl	acyl	I	OMe
acyl	acyl	I	OEt
acyl	acyl	I	O-cyclopropyl
acyl	acyl	I	O-acetyl
acyl	acyl	I	SH
acyl	acyl	I	SMe
acyl	acyl	I	SEt
acyl	acyl	I	S-cyclopropyl
acyl	acyl	I	F
acyl	acyl	I	Cl
acyl	acyl	I	Br
acyl	acyl	I	I
acyl	amino acid	I	H
acyl	amino acid	I	NH <sub>2</sub>
acyl	amino acid	I	NH-cyclopropyl
acyl	amino acid	I	NH-methyl
acyl	amino acid	I	NH-ethyl
acyl	amino acid	I	NH-acetyl
acyl	amino acid	I	OH
acyl	amino acid	I	OMe
acyl	amino acid	I	OEt
acyl	amino acid	I	O-cyclopropyl
acyl	amino acid	I	O-acetyl
acyl	amino acid	I	SH
acyl	amino acid	I	SMe
acyl	amino acid	I	SEt
acyl	amino acid	I	S-cyclopropyl
acyl	amino acid	I	F
acyl	amino acid	I	Cl
acyl	amino acid	I	Br
acyl	amino acid	I	I
H	acyl	I	H
H	acyl	I	NH <sub>2</sub>
H	acyl	I	NH-cyclopropyl
H	acyl	I	NH-methyl
H	acyl	I	NH-ethyl



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
H	acyl	I	NH-acetyl
H	acyl	I	OH
H	acyl	I	OMe
H	acyl	I	OEt
H	acyl	I	O-cyclopropyl
H	acyl	I	O-acetyl
H	acyl	I	SH
H	acyl	I	SMe
H	acyl	I	SEt
H	acyl	I	S-cyclopropyl
H	acyl	I	F
H	acyl	I	Cl
H	acyl	I	Br
H	acyl	I	I
H	amino acid	I	H
H	amino acid	I	NH <sub>2</sub>
H	amino acid	I	NH-cyclopropyl
H	amino acid	I	NH-methyl
H	amino acid	I	NH-ethyl
H	amino acid	I	NH-acetyl
H	amino acid	I	OH
H	amino acid	I	OMe
H	amino acid	I	OEt
H	amino acid	I	O-cyclopropyl
H	amino acid	I	O-acetyl
H	amino acid	I	SH
H	amino acid	I	SMe
H	amino acid	I	SEt
H	amino acid	I	S-cyclopropyl
H	amino acid	I	F
H	amino acid	I	Cl
H	amino acid	I	Br
H	amino acid	I	I
amino acid	amino acid	I	H
amino acid	amino acid	I	NH <sub>2</sub>
amino acid	amino acid	I	NH-cyclopropyl
amino acid	amino acid	I	NH-methyl
amino acid	amino acid	I	NH-ethyl
amino acid	amino acid	I	NH-acetyl
amino acid	amino acid	I	OH
amino acid	amino acid	I	OMe
amino acid	amino acid	I	OEt
amino acid	amino acid	I	O-cyclopropyl
amino acid	amino acid	I	O-acetyl
amino acid	amino acid	I	SH
amino acid	amino acid	I	SMe
amino acid	amino acid	I	SEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
amino acid	amino acid	I	S-cyclopropyl
amino acid	amino acid	I	F
amino acid	amino acid	I	Cl
amino acid	amino acid	I	Br
amino acid	amino acid	I	I
amino acid	H	I	H
amino acid	H	I	NH <sub>2</sub>
amino acid	H	I	NH-cyclopropyl
amino acid	H	I	NH-methyl
amino acid	H	I	NH-ethyl
amino acid	H	I	NH-acetyl
amino acid	H	I	OH
amino acid	H	I	OMe
amino acid	H	I	OEt
amino acid	H	I	O-cyclopropyl
amino acid	H	I	O-acetyl
amino acid	H	I	SH
amino acid	H	I	SMe
amino acid	H	I	SEt
amino acid	H	I	S-cyclopropyl
amino acid	H	I	F
amino acid	H	I	Cl
amino acid	H	I	Br
amino acid	H	I	I
amino acid	acyl	I	H
amino acid	acyl	I	NH <sub>2</sub>
amino acid	acyl	I	NH-cyclopropyl
amino acid	acyl	I	NH-methyl
amino acid	acyl	I	NH-ethyl
amino acid	acyl	I	NH-acetyl
amino acid	acyl	I	OH
amino acid	acyl	I	OMe
amino acid	acyl	I	OEt
amino acid	acyl	I	O-cyclopropyl
amino acid	acyl	I	O-acetyl
amino acid	acyl	I	SH
amino acid	acyl	I	SMe
amino acid	acyl	I	SEt
amino acid	acyl	I	S-cyclopropyl
amino acid	acyl	I	F
amino acid	acyl	I	Cl
amino acid	acyl	I	Br
amino acid	acyl	I	I

Table 9

R <sup>2</sup>	R <sup>3</sup>	R <sup>6</sup>	X	Base
acyl	H	CH <sub>3</sub>	O	Thymine
acyl	H	CH <sub>3</sub>	O	Uracil
acyl	H	CH <sub>3</sub>	O	Guanine
acyl	H	CH <sub>3</sub>	O	Cytosine
acyl	H	CH <sub>3</sub>	O	Adenine
acyl	H	CH <sub>3</sub>	O	Hypoxanthine
acyl	H	CH <sub>3</sub>	O	5-Fluorouracil
acyl	H	CH <sub>3</sub>	O	8-Fluoroguanine
acyl	H	CH <sub>3</sub>	O	5-Fluorocytosine
acyl	H	CH <sub>3</sub>	O	8-Fluoroadenine
acyl	H	CH <sub>3</sub>	O	2-Fluoroadenine
acyl	H	CH <sub>3</sub>	O	2,8-Difluoroadenine
acyl	H	CH <sub>3</sub>	O	2-Fluorohypoxanthine
acyl	H	CH <sub>3</sub>	O	8-Fluorohypoxanthine
acyl	H	CH <sub>3</sub>	O	2,8-Difluorohypoxanthine
acyl	H	CH <sub>3</sub>	O	2-Aminoadenine
acyl	H	CH <sub>3</sub>	O	2-Amino-8-fluoroadenine
acyl	H	CH <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
acyl	H	CH <sub>3</sub>	O	2-Aminohypoxanthine
acyl	H	CH <sub>3</sub>	O	2-N-acetylguanine
acyl	H	CH <sub>3</sub>	O	4-N-acetylcytosine
acyl	H	CH <sub>3</sub>	O	6-N-acetyladenine
acyl	H	CH <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
acyl	H	CH <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
acyl	H	CH <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
acyl	H	CH <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
acyl	H	CH <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
acyl	H	CH <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
acyl	H	CH <sub>3</sub>	O	2-N-acetylaminoadenine
acyl	H	CH <sub>3</sub>	O	2-N-acetyl-amino-8-fluoroadenine
acyl	H	CH <sub>3</sub>	O	2-N-acetyl-amino-8-fluorohypoxanthine
acyl	H	CH <sub>3</sub>	O	2-N-acetylaminohypoxanthine
acyl	acyl	CH <sub>3</sub>	O	Thymine
acyl	acyl	CH <sub>3</sub>	O	Uracil
acyl	acyl	CH <sub>3</sub>	O	Guanine
acyl	acyl	CH <sub>3</sub>	O	Cytosine
acyl	acyl	CH <sub>3</sub>	O	Adenine
acyl	acyl	CH <sub>3</sub>	O	Hypoxanthine
acyl	acyl	CH <sub>3</sub>	O	5-Fluorouracil
acyl	acyl	CH <sub>3</sub>	O	8-Fluoroguanine
acyl	acyl	CH <sub>3</sub>	O	5-Fluorocytosine
acyl	acyl	CH <sub>3</sub>	O	8-Fluoroadenine
acyl	acyl	CH <sub>3</sub>	O	2-Fluoroadenine
acyl	acyl	CH <sub>3</sub>	O	2,8-Difluoroadenine
acyl	acyl	CH <sub>3</sub>	O	2-Fluorohypoxanthine

R <sup>2</sup>	R <sup>3</sup>	R <sup>6</sup>	X	Base
acyl	acyl	CH <sub>3</sub>	O	8-Fluorohypoxanthine
acyl	acyl	CH <sub>3</sub>	O	2,8-Difluorohypoxanthine
acyl	acyl	CH <sub>3</sub>	O	2-Aminoadenine
acyl	acyl	CH <sub>3</sub>	O	2-Amino-8-fluoroadenine
acyl	acyl	CH <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
acyl	acyl	CH <sub>3</sub>	O	2-Aminohypoxanthine
acyl	acyl	CH <sub>3</sub>	O	2-N-acetylguanine
acyl	acyl	CH <sub>3</sub>	O	4-N-acetylcytosine
acyl	acyl	CH <sub>3</sub>	O	6-N-acetyladenine
acyl	acyl	CH <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
acyl	acyl	CH <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
acyl	acyl	CH <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
acyl	acyl	CH <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
acyl	acyl	CH <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
acyl	acyl	CH <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
acyl	acyl	CH <sub>3</sub>	O	2-N-acetylaminoadenine
acyl	acyl	CH <sub>3</sub>	O	2-N-acetylamino-8-fluoroadenine
acyl	acyl	CH <sub>3</sub>	O	2-N-acetylamino-8-fluorohypoxanthine
acyl	acyl	CH <sub>3</sub>	O	2-N-acetylaminohypoxanthine
acyl	amino acid	CH <sub>3</sub>	O	Thymine
acyl	amino acid	CH <sub>3</sub>	O	Uracil
acyl	amino acid	CH <sub>3</sub>	O	Guanine
acyl	amino acid	CH <sub>3</sub>	O	Cytosine
acyl	amino acid	CH <sub>3</sub>	O	Adenine
acyl	amino acid	CH <sub>3</sub>	O	Hypoxanthine
acyl	amino acid	CH <sub>3</sub>	O	5-Fluorouracil
acyl	amino acid	CH <sub>3</sub>	O	8-Fluoroguanine
acyl	amino acid	CH <sub>3</sub>	O	5-Fluorocytosine
acyl	amino acid	CH <sub>3</sub>	O	8-Fluoroadenine
acyl	amino acid	CH <sub>3</sub>	O	2-Fluoroadenine
acyl	amino acid	CH <sub>3</sub>	O	2,8-Difluoroadenine
acyl	amino acid	CH <sub>3</sub>	O	2-Fluorohypoxanthine
acyl	amino acid	CH <sub>3</sub>	O	8-Fluorohypoxanthine
acyl	amino acid	CH <sub>3</sub>	O	2,8-Difluorohypoxanthine
acyl	amino acid	CH <sub>3</sub>	O	2-Aminoadenine
acyl	amino acid	CH <sub>3</sub>	O	2-Amino-8-fluoroadenine
acyl	amino acid	CH <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
acyl	amino acid	CH <sub>3</sub>	O	2-Aminohypoxanthine
acyl	amino acid	CH <sub>3</sub>	O	2-N-acetylguanine
acyl	amino acid	CH <sub>3</sub>	O	4-N-acetylcytosine
acyl	amino acid	CH <sub>3</sub>	O	6-N-acetyladenine
acyl	amino acid	CH <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
acyl	amino acid	CH <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
acyl	amino acid	CH <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
acyl	amino acid	CH <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
acyl	amino acid	CH <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
acyl	amino acid	CH <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine

R <sup>2</sup>	R <sup>3</sup>	R <sup>6</sup>	X	Base
acyl	amino acid	CH <sub>3</sub>	O	2-N-acetylaminoadenine
acyl	amino acid	CH <sub>3</sub>	O	2-N-acetylamino-8-fluoroadenine
acyl	amino acid	CH <sub>3</sub>	O	2-N-acetylamino-8-fluorohypoxanthine
acyl	amino acid	CH <sub>3</sub>	O	2-N-acetylaminohypoxanthine
H	acyl	CH <sub>3</sub>	O	Thymine
H	acyl	CH <sub>3</sub>	O	Uracil
H	acyl	CH <sub>3</sub>	O	Guanine
H	acyl	CH <sub>3</sub>	O	Cytosine
H	acyl	CH <sub>3</sub>	O	Adenine
H	acyl	CH <sub>3</sub>	O	Hypoxanthine
H	acyl	CH <sub>3</sub>	O	5-Fluorouracil
H	acyl	CH <sub>3</sub>	O	8-Fluoroguanine
H	acyl	CH <sub>3</sub>	O	5-Fluorocytosine
H	acyl	CH <sub>3</sub>	O	8-Fluoroadenine
H	acyl	CH <sub>3</sub>	O	2-Fluoroadenine
H	acyl	CH <sub>3</sub>	O	2,8-Difluoroadenine
H	acyl	CH <sub>3</sub>	O	2-Fluorohypoxanthine
H	acyl	CH <sub>3</sub>	O	8-Fluorohypoxanthine
H	acyl	CH <sub>3</sub>	O	2,8-Difluorohypoxanthine
H	acyl	CH <sub>3</sub>	O	2-Aminoadenine
H	acyl	CH <sub>3</sub>	O	2-Amino-8-fluoroadenine
H	acyl	CH <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
H	acyl	CH <sub>3</sub>	O	2-Aminohypoxanthine
H	acyl	CH <sub>3</sub>	O	2-N-acetylguanine
H	acyl	CH <sub>3</sub>	O	4-N-acetylcytosine
H	acyl	CH <sub>3</sub>	O	6-N-acetyladenine
H	acyl	CH <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
H	acyl	CH <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
H	acyl	CH <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
H	acyl	CH <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
H	acyl	CH <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
H	acyl	CH <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
H	acyl	CH <sub>3</sub>	O	2-N-acetylaminoadenine
H	acyl	CH <sub>3</sub>	O	2-N-acetylamino-8-fluoroadenine
H	acyl	CH <sub>3</sub>	O	2-N-acetylamino-8-fluorohypoxanthine
H	acyl	CH <sub>3</sub>	O	2-N-acetylaminohypoxanthine
H	amino acid	CH <sub>3</sub>	O	Thymine
H	amino acid	CH <sub>3</sub>	O	Uracil
H	amino acid	CH <sub>3</sub>	O	Guanine
H	amino acid	CH <sub>3</sub>	O	Cytosine
H	amino acid	CH <sub>3</sub>	O	Adenine
H	amino acid	CH <sub>3</sub>	O	Hypoxanthine
H	amino acid	CH <sub>3</sub>	O	5-Fluorouracil
H	amino acid	CH <sub>3</sub>	O	8-Fluoroguanine
H	amino acid	CH <sub>3</sub>	O	5-Fluorocytosine
H	amino acid	CH <sub>3</sub>	O	8-Fluoroadenine
H	amino acid	CH <sub>3</sub>	O	2-Fluoroadenine

R <sup>2</sup>	R <sup>3</sup>	R <sup>6</sup>	X	Base
H	amino acid	CH <sub>3</sub>	O	2,8-Difluoroadenine
H	amino acid	CH <sub>3</sub>	O	2-Fluorohypoxanthine
H	amino acid	CH <sub>3</sub>	O	8-Fluorohypoxanthine
H	amino acid	CH <sub>3</sub>	O	2,8-Difluorohypoxanthine
H	amino acid	CH <sub>3</sub>	O	2-Aminoadenine
H	amino acid	CH <sub>3</sub>	O	2-Amino-8-fluoroadenine
H	amino acid	CH <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
H	amino acid	CH <sub>3</sub>	O	2-Aminohypoxanthine
H	amino acid	CH <sub>3</sub>	O	2-N-acetylguanine
H	amino acid	CH <sub>3</sub>	O	4-N-acetylcytosine
H	amino acid	CH <sub>3</sub>	O	6-N-acetyladenine
H	amino acid	CH <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
H	amino acid	CH <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
H	amino acid	CH <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
H	amino acid	CH <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
H	amino acid	CH <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
H	amino acid	CH <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
H	amino acid	CH <sub>3</sub>	O	2-N-acetylaminoadenine
H	amino acid	CH <sub>3</sub>	O	2-N-acetyl-amino-8-fluoroadenine
H	amino acid	CH <sub>3</sub>	O	2-N-acetyl-amino-8-fluorohypoxanthine
H	amino acid	CH <sub>3</sub>	O	2-N-acetylaminohypoxanthine
amino acid	amino acid	CH <sub>3</sub>	O	Thymine
amino acid	amino acid	CH <sub>3</sub>	O	Uracil
amino acid	amino acid	CH <sub>3</sub>	O	Guanine
amino acid	amino acid	CH <sub>3</sub>	O	Cytosine
amino acid	amino acid	CH <sub>3</sub>	O	Adenine
amino acid	amino acid	CH <sub>3</sub>	O	Hypoxanthine
amino acid	amino acid	CH <sub>3</sub>	O	5-Fluorouracil
amino acid	amino acid	CH <sub>3</sub>	O	8-Fluoroguanine
amino acid	amino acid	CH <sub>3</sub>	O	5-Fluorocytosine
amino acid	amino acid	CH <sub>3</sub>	O	8-Fluoroadenine
amino acid	amino acid	CH <sub>3</sub>	O	2-Fluoroadenine
amino acid	amino acid	CH <sub>3</sub>	O	2,8-Difluoroadenine
amino acid	amino acid	CH <sub>3</sub>	O	2-Fluorohypoxanthine
amino acid	amino acid	CH <sub>3</sub>	O	8-Fluorohypoxanthine
amino acid	amino acid	CH <sub>3</sub>	O	2,8-Difluorohypoxanthine
amino acid	amino acid	CH <sub>3</sub>	O	2-Aminoadenine
amino acid	amino acid	CH <sub>3</sub>	O	2-Amino-8-fluoroadenine
amino acid	amino acid	CH <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
amino acid	amino acid	CH <sub>3</sub>	O	2-Aminohypoxanthine
amino acid	amino acid	CH <sub>3</sub>	O	2-N-acetylguanine
amino acid	amino acid	CH <sub>3</sub>	O	4-N-acetylcytosine
amino acid	amino acid	CH <sub>3</sub>	O	6-N-acetyladenine
amino acid	amino acid	CH <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
amino acid	amino acid	CH <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
amino acid	amino acid	CH <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
amino acid	amino acid	CH <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine

R <sup>2</sup>	R <sup>3</sup>	R <sup>6</sup>	X	Base
amino acid	amino acid	CH <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
amino acid	amino acid	CH <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	amino acid	CH <sub>3</sub>	O	2-N-acetylaminoadenine
amino acid	amino acid	CH <sub>3</sub>	O	2-N-acetyl-amino-8-fluoroadenine
amino acid	amino acid	CH <sub>3</sub>	O	2-N-acetyl-amino-8-fluorohypoxanthine
amino acid	amino acid	CH <sub>3</sub>	O	2-N-acetylaminohypoxanthine
amino acid	H	CH <sub>3</sub>	O	Thymine
amino acid	H	CH <sub>3</sub>	O	Uracil
amino acid	H	CH <sub>3</sub>	O	Guanine
amino acid	H	CH <sub>3</sub>	O	Cytosine
amino acid	H	CH <sub>3</sub>	O	Adenine
amino acid	H	CH <sub>3</sub>	O	Hypoxanthine
amino acid	H	CH <sub>3</sub>	O	5-Fluorouracil
amino acid	H	CH <sub>3</sub>	O	8-Fluoroguanine
amino acid	H	CH <sub>3</sub>	O	5-Fluorocytosine
amino acid	H	CH <sub>3</sub>	O	8-Fluoroadenine
amino acid	H	CH <sub>3</sub>	O	2-Fluoroadenine
amino acid	H	CH <sub>3</sub>	O	2,8-Difluoroadenine
amino acid	H	CH <sub>3</sub>	O	2-Fluorohypoxanthine
amino acid	H	CH <sub>3</sub>	O	8-Fluorohypoxanthine
amino acid	H	CH <sub>3</sub>	O	2,8-Difluorohypoxanthine
amino acid	H	CH <sub>3</sub>	O	2-Aminoadenine
amino acid	H	CH <sub>3</sub>	O	2-Amino-8-fluoroadenine
amino acid	H	CH <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
amino acid	H	CH <sub>3</sub>	O	2-Aminohypoxanthine
amino acid	H	CH <sub>3</sub>	O	2-N-acetylguanine
amino acid	H	CH <sub>3</sub>	O	4-N-acetylcytosine
amino acid	H	CH <sub>3</sub>	O	6-N-acetyladenine
amino acid	H	CH <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
amino acid	H	CH <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
amino acid	H	CH <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
amino acid	H	CH <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
amino acid	H	CH <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
amino acid	H	CH <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	H	CH <sub>3</sub>	O	2-N-acetylaminoadenine
amino acid	H	CH <sub>3</sub>	O	2-N-acetyl-amino-8-fluoroadenine
amino acid	H	CH <sub>3</sub>	O	2-N-acetyl-amino-8-fluorohypoxanthine
amino acid	H	CH <sub>3</sub>	O	2-N-acetylaminohypoxanthine
amino acid	acyl	CH <sub>3</sub>	O	Thymine
amino acid	acyl	CH <sub>3</sub>	O	Uracil
amino acid	acyl	CH <sub>3</sub>	O	Guanine
amino acid	acyl	CH <sub>3</sub>	O	Cytosine
amino acid	acyl	CH <sub>3</sub>	O	Adenine
amino acid	acyl	CH <sub>3</sub>	O	Hypoxanthine
amino acid	acyl	CH <sub>3</sub>	O	5-Fluorouracil
amino acid	acyl	CH <sub>3</sub>	O	8-Fluoroguanine
amino acid	acyl	CH <sub>3</sub>	O	5-Fluorocytosine

R <sup>2</sup>	R <sup>3</sup>	R <sup>6</sup>	X	Base
amino acid	acyl	CH <sub>3</sub>	O	8-Fluoroadenine
amino acid	acyl	CH <sub>3</sub>	O	2-Fluoroadenine
amino acid	acyl	CH <sub>3</sub>	O	2,8-Difluoroadenine
amino acid	acyl	CH <sub>3</sub>	O	2-Fluorohypoxanthine
amino acid	acyl	CH <sub>3</sub>	O	8-Fluorohypoxanthine
amino acid	acyl	CH <sub>3</sub>	O	2,8-Difluorohypoxanthine
amino acid	acyl	CH <sub>3</sub>	O	2-Aminoadenine
amino acid	acyl	CH <sub>3</sub>	O	2-Amino-8-fluoroadenine
amino acid	acyl	CH <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
amino acid	acyl	CH <sub>3</sub>	O	2-Aminohypoxanthine
amino acid	acyl	CH <sub>3</sub>	O	2-N-acetylguanine
amino acid	acyl	CH <sub>3</sub>	O	4-N-acetylcytosine
amino acid	acyl	CH <sub>3</sub>	O	6-N-acetyladenine
amino acid	acyl	CH <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
amino acid	acyl	CH <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
amino acid	acyl	CH <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
amino acid	acyl	CH <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
amino acid	acyl	CH <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
amino acid	acyl	CH <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	acyl	CH <sub>3</sub>	O	2-N-acetylaminoadenine
amino acid	acyl	CH <sub>3</sub>	O	2-N-acetylamino-8-fluoroadenine
amino acid	acyl	CH <sub>3</sub>	O	2-N-acetylamino-8-fluorohypoxanthine
amino acid	acyl	CH <sub>3</sub>	O	2-N-acetylaminohypoxanthine
acyl	H	CH <sub>3</sub>	S	Thymine
acyl	H	CH <sub>3</sub>	S	Uracil
acyl	H	CH <sub>3</sub>	S	Guanine
acyl	H	CH <sub>3</sub>	S	Cytosine
acyl	H	CH <sub>3</sub>	S	Adenine
acyl	H	CH <sub>3</sub>	S	Hypoxanthine
acyl	H	CH <sub>3</sub>	S	5-Fluorouracil
acyl	H	CH <sub>3</sub>	S	8-Fluoroguanine
acyl	H	CH <sub>3</sub>	S	5-Fluorocytosine
acyl	H	CH <sub>3</sub>	S	8-Fluoroadenine
acyl	H	CH <sub>3</sub>	S	2-Fluoroadenine
acyl	H	CH <sub>3</sub>	S	2,8-Difluoroadenine
acyl	H	CH <sub>3</sub>	S	2-Fluorohypoxanthine
acyl	H	CH <sub>3</sub>	S	8-Fluorohypoxanthine
acyl	H	CH <sub>3</sub>	S	2,8-Difluorohypoxanthine
acyl	H	CH <sub>3</sub>	S	2-Aminoadenine
acyl	H	CH <sub>3</sub>	S	2-Amino-8-fluoroadenine
acyl	H	CH <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
acyl	H	CH <sub>3</sub>	S	2-Aminohypoxanthine
acyl	H	CH <sub>3</sub>	S	2-N-acetylguanine
acyl	H	CH <sub>3</sub>	S	4-N-acetylcytosine
acyl	H	CH <sub>3</sub>	S	6-N-acetyladenine
acyl	H	CH <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
acyl	H	CH <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine



R <sup>2</sup>	R <sup>3</sup>	R <sup>6</sup>	X	Base
acyl	H	CH <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
acyl	H	CH <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
acyl	H	CH <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
acyl	H	CH <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
acyl	H	CH <sub>3</sub>	S	2-N-acetylaminoadenine
acyl	H	CH <sub>3</sub>	S	2-N-acetylamino-8-fluoroadenine
acyl	H	CH <sub>3</sub>	S	2-N-acetylamino-8-fluorohypoxanthine
acyl	H	CH <sub>3</sub>	S	2-N-acetylaminohypoxanthine
acyl	acyl	CH <sub>3</sub>	S	Thymine
acyl	acyl	CH <sub>3</sub>	S	Uracil
acyl	acyl	CH <sub>3</sub>	S	Guanine
acyl	acyl	CH <sub>3</sub>	S	Cytosine
acyl	acyl	CH <sub>3</sub>	S	Adenine
acyl	acyl	CH <sub>3</sub>	S	Hypoxanthine
acyl	acyl	CH <sub>3</sub>	S	5-Fluorouracil
acyl	acyl	CH <sub>3</sub>	S	8-Fluoroguanine
acyl	acyl	CH <sub>3</sub>	S	5-Fluorocytosine
acyl	acyl	CH <sub>3</sub>	S	8-Fluoroadenine
acyl	acyl	CH <sub>3</sub>	S	2-Fluoroadenine
acyl	acyl	CH <sub>3</sub>	S	2,8-Difluoroadenine
acyl	acyl	CH <sub>3</sub>	S	2-Fluorohypoxanthine
acyl	acyl	CH <sub>3</sub>	S	8-Fluorohypoxanthine
acyl	acyl	CH <sub>3</sub>	S	2,8-Difluorohypoxanthine
acyl	acyl	CH <sub>3</sub>	S	2-Aminoadenine
acyl	acyl	CH <sub>3</sub>	S	2-Amino-8-fluoroadenine
acyl	acyl	CH <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
acyl	acyl	CH <sub>3</sub>	S	2-Aminohypoxanthine
acyl	acyl	CH <sub>3</sub>	S	2-N-acetylguanine
acyl	acyl	CH <sub>3</sub>	S	4-N-acetylcytosine
acyl	acyl	CH <sub>3</sub>	S	6-N-acetyladenine
acyl	acyl	CH <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
acyl	acyl	CH <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
acyl	acyl	CH <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
acyl	acyl	CH <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
acyl	acyl	CH <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
acyl	acyl	CH <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
acyl	acyl	CH <sub>3</sub>	S	2-N-acetylaminoadenine
acyl	acyl	CH <sub>3</sub>	S	2-N-acetylamino-8-fluoroadenine
acyl	acyl	CH <sub>3</sub>	S	2-N-acetylamino-8-fluorohypoxanthine
acyl	acyl	CH <sub>3</sub>	S	2-N-acetylaminohypoxanthine
acyl	amino acid	CH <sub>3</sub>	S	Thymine
acyl	amino acid	CH <sub>3</sub>	S	Uracil
acyl	amino acid	CH <sub>3</sub>	S	Guanine
acyl	amino acid	CH <sub>3</sub>	S	Cytosine
acyl	amino acid	CH <sub>3</sub>	S	Adenine
acyl	amino acid	CH <sub>3</sub>	S	Hypoxanthine
acyl	amino acid	CH <sub>3</sub>	S	5-Fluorouracil

R <sup>2</sup>	R <sup>3</sup>	R <sup>6</sup>	X	Base
acyl	amino acid	CH <sub>3</sub>	S	8-Fluoroguanine
acyl	amino acid	CH <sub>3</sub>	S	5-Fluorocytosine
acyl	amino acid	CH <sub>3</sub>	S	8-Fluoroadenine
acyl	amino acid	CH <sub>3</sub>	S	2-Fluoroadenine
acyl	amino acid	CH <sub>3</sub>	S	2,8-Difluoroadenine
acyl	amino acid	CH <sub>3</sub>	S	2-Fluorohypoxanthine
acyl	amino acid	CH <sub>3</sub>	S	8-Fluorohypoxanthine
acyl	amino acid	CH <sub>3</sub>	S	2,8-Difluorohypoxanthine
acyl	amino acid	CH <sub>3</sub>	S	2-Aminoadenine
acyl	amino acid	CH <sub>3</sub>	S	2-Amino-8-fluoroadenine
acyl	amino acid	CH <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
acyl	amino acid	CH <sub>3</sub>	S	2-Aminohypoxanthine
acyl	amino acid	CH <sub>3</sub>	S	2-N-acetylguanine
acyl	amino acid	CH <sub>3</sub>	S	4-N-acetylcytosine
acyl	amino acid	CH <sub>3</sub>	S	6-N-acetyladenine
acyl	amino acid	CH <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
acyl	amino acid	CH <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
acyl	amino acid	CH <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
acyl	amino acid	CH <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
acyl	amino acid	CH <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
acyl	amino acid	CH <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
acyl	amino acid	CH <sub>3</sub>	S	2-N-acetylaminoadenine
acyl	amino acid	CH <sub>3</sub>	S	2-N-acetyl-amino-8-fluoroadenine
acyl	amino acid	CH <sub>3</sub>	S	2-N-acetyl-amino-8-fluorohypoxanthine
acyl	amino acid	CH <sub>3</sub>	S	2-N-acetylaminohypoxanthine
H	acyl	CH <sub>3</sub>	S	Thymine
H	acyl	CH <sub>3</sub>	S	Uracil
H	acyl	CH <sub>3</sub>	S	Guanine
H	acyl	CH <sub>3</sub>	S	Cytosine
H	acyl	CH <sub>3</sub>	S	Adenine
H	acyl	CH <sub>3</sub>	S	Hypoxanthine
H	acyl	CH <sub>3</sub>	S	5-Fluorouracil
H	acyl	CH <sub>3</sub>	S	8-Fluoroguanine
H	acyl	CH <sub>3</sub>	S	5-Fluorocytosine
H	acyl	CH <sub>3</sub>	S	8-Fluoroadenine
H	acyl	CH <sub>3</sub>	S	2-Fluoroadenine
H	acyl	CH <sub>3</sub>	S	2,8-Difluoroadenine
H	acyl	CH <sub>3</sub>	S	2-Fluorohypoxanthine
H	acyl	CH <sub>3</sub>	S	8-Fluorohypoxanthine
H	acyl	CH <sub>3</sub>	S	2,8-Difluorohypoxanthine
H	acyl	CH <sub>3</sub>	S	2-Aminoadenine
H	acyl	CH <sub>3</sub>	S	2-Amino-8-fluoroadenine
H	acyl	CH <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
H	acyl	CH <sub>3</sub>	S	2-Aminohypoxanthine
H	acyl	CH <sub>3</sub>	S	2-N-acetylguanine
H	acyl	CH <sub>3</sub>	S	4-N-acetylcytosine
H	acyl	CH <sub>3</sub>	S	6-N-acetyladenine

R <sup>2</sup>	R <sup>3</sup>	R <sup>6</sup>	X	Base
H	acyl	CH <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
H	acyl	CH <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
H	acyl	CH <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
H	acyl	CH <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
H	acyl	CH <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
H	acyl	CH <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
H	acyl	CH <sub>3</sub>	S	2-N-acetylaminoadenine
H	acyl	CH <sub>3</sub>	S	2-N-acetylamino-8-fluoroadenine
H	acyl	CH <sub>3</sub>	S	2-N-acetylamino-8-fluorohypoxanthine
H	acyl	CH <sub>3</sub>	S	2-N-acetylaminohypoxanthine
H	amino acid	CH <sub>3</sub>	S	Thymine
H	amino acid	CH <sub>3</sub>	S	Uracil
H	amino acid	CH <sub>3</sub>	S	Guanine
H	amino acid	CH <sub>3</sub>	S	Cytosine
H	amino acid	CH <sub>3</sub>	S	Adenine
H	amino acid	CH <sub>3</sub>	S	Hypoxanthine
H	amino acid	CH <sub>3</sub>	S	5-Fluorouracil
H	amino acid	CH <sub>3</sub>	S	8-Fluoroguanine
H	amino acid	CH <sub>3</sub>	S	5-Fluorocytosine
H	amino acid	CH <sub>3</sub>	S	8-Fluoroadenine
H	amino acid	CH <sub>3</sub>	S	2-Fluoroadenine
H	amino acid	CH <sub>3</sub>	S	2,8-Difluoroadenine
H	amino acid	CH <sub>3</sub>	S	2-Fluorohypoxanthine
H	amino acid	CH <sub>3</sub>	S	8-Fluorohypoxanthine
H	amino acid	CH <sub>3</sub>	S	2,8-Difluorohypoxanthine
H	amino acid	CH <sub>3</sub>	S	2-Aminoadenine
H	amino acid	CH <sub>3</sub>	S	2-Amino-8-fluoroadenine
H	amino acid	CH <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
H	amino acid	CH <sub>3</sub>	S	2-Aminohypoxanthine
H	amino acid	CH <sub>3</sub>	S	2-N-acetylguanine
H	amino acid	CH <sub>3</sub>	S	4-N-acetylcytosine
H	amino acid	CH <sub>3</sub>	S	6-N-acetyladenine
H	amino acid	CH <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
H	amino acid	CH <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
H	amino acid	CH <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
H	amino acid	CH <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
H	amino acid	CH <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
H	amino acid	CH <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
H	amino acid	CH <sub>3</sub>	S	2-N-acetylaminoadenine
H	amino acid	CH <sub>3</sub>	S	2-N-acetylamino-8-fluoroadenine
H	amino acid	CH <sub>3</sub>	S	2-N-acetylamino-8-fluorohypoxanthine
H	amino acid	CH <sub>3</sub>	S	2-N-acetylaminohypoxanthine
amino acid	amino acid	CH <sub>3</sub>	S	Thymine
amino acid	amino acid	CH <sub>3</sub>	S	Uracil
amino acid	amino acid	CH <sub>3</sub>	S	Guanine
amino acid	amino acid	CH <sub>3</sub>	S	Cytosine
amino acid	amino acid	CH <sub>3</sub>	S	Adenine

R <sup>2</sup>	R <sup>3</sup>	R <sup>6</sup>	X	Base
amino acid	amino acid	CH <sub>3</sub>	S	Hypoxanthine
amino acid	amino acid	CH <sub>3</sub>	S	5-Fluorouracil
amino acid	amino acid	CH <sub>3</sub>	S	8-Fluoroguanine
amino acid	amino acid	CH <sub>3</sub>	S	5-Fluorocytosine
amino acid	amino acid	CH <sub>3</sub>	S	8-Fluoroadenine
amino acid	amino acid	CH <sub>3</sub>	S	2-Fluoroadenine
amino acid	amino acid	CH <sub>3</sub>	S	2,8-Difluoroadenine
amino acid	amino acid	CH <sub>3</sub>	S	2-Fluorohypoxanthine
amino acid	amino acid	CH <sub>3</sub>	S	8-Fluorohypoxanthine
amino acid	amino acid	CH <sub>3</sub>	S	2,8-Difluorohypoxanthine
amino acid	amino acid	CH <sub>3</sub>	S	2-Aminoadenine
amino acid	amino acid	CH <sub>3</sub>	S	2-Amino-8-fluoroadenine
amino acid	amino acid	CH <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
amino acid	amino acid	CH <sub>3</sub>	S	2-Aminohypoxanthine
amino acid	amino acid	CH <sub>3</sub>	S	2-N-acetylguanine
amino acid	amino acid	CH <sub>3</sub>	S	4-N-acetylcytosine
amino acid	amino acid	CH <sub>3</sub>	S	6-N-acetyladenine
amino acid	amino acid	CH <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
amino acid	amino acid	CH <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
amino acid	amino acid	CH <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
amino acid	amino acid	CH <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
amino acid	amino acid	CH <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
amino acid	amino acid	CH <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	amino acid	CH <sub>3</sub>	S	2-N-acetylaminoadenine
amino acid	amino acid	CH <sub>3</sub>	S	2-N-acetyl-amino-8-fluoroadenine
amino acid	amino acid	CH <sub>3</sub>	S	2-N-acetyl-amino-8-fluorohypoxanthine
amino acid	amino acid	CH <sub>3</sub>	S	2-N-acetylaminohypoxanthine
amino acid	H	CH <sub>3</sub>	S	Thymine
amino acid	H	CH <sub>3</sub>	S	Uracil
amino acid	H	CH <sub>3</sub>	S	Guanine
amino acid	H	CH <sub>3</sub>	S	Cytosine
amino acid	H	CH <sub>3</sub>	S	Adenine
amino acid	H	CH <sub>3</sub>	S	Hypoxanthine
amino acid	H	CH <sub>3</sub>	S	5-Fluorouracil
amino acid	H	CH <sub>3</sub>	S	8-Fluoroguanine
amino acid	H	CH <sub>3</sub>	S	5-Fluorocytosine
amino acid	H	CH <sub>3</sub>	S	8-Fluoroadenine
amino acid	H	CH <sub>3</sub>	S	2-Fluoroadenine
amino acid	H	CH <sub>3</sub>	S	2,8-Difluoroadenine
amino acid	H	CH <sub>3</sub>	S	2-Fluorohypoxanthine
amino acid	H	CH <sub>3</sub>	S	8-Fluorohypoxanthine
amino acid	H	CH <sub>3</sub>	S	2,8-Difluorohypoxanthine
amino acid	H	CH <sub>3</sub>	S	2-Aminoadenine
amino acid	H	CH <sub>3</sub>	S	2-Amino-8-fluoroadenine
amino acid	H	CH <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
amino acid	H	CH <sub>3</sub>	S	2-Aminohypoxanthine
amino acid	H	CH <sub>3</sub>	S	2-N-acetylguanine

<b>R<sup>2</sup></b>	<b>R<sup>3</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
amino acid	H	CH <sub>3</sub>	S	4-N-acetylcytosine
amino acid	H	CH <sub>3</sub>	S	6-N-acetyl原因
amino acid	H	CH <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
amino acid	H	CH <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
amino acid	H	CH <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
amino acid	H	CH <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
amino acid	H	CH <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
amino acid	H	CH <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	H	CH <sub>3</sub>	S	2-N-acetyl原因
amino acid	H	CH <sub>3</sub>	S	2-N-acetyl原因-8-fluoroadenine
amino acid	H	CH <sub>3</sub>	S	2-N-acetyl原因-8-fluorohypoxanthine
amino acid	H	CH <sub>3</sub>	S	2-N-acetyl原因hypoxanthine
amino acid	acyl	CH <sub>3</sub>	S	Thymine
amino acid	acyl	CH <sub>3</sub>	S	Uracil
amino acid	acyl	CH <sub>3</sub>	S	Guanine
amino acid	acyl	CH <sub>3</sub>	S	Cytosine
amino acid	acyl	CH <sub>3</sub>	S	Adenine
amino acid	acyl	CH <sub>3</sub>	S	Hypoxanthine
amino acid	acyl	CH <sub>3</sub>	S	5-Fluorouracil
amino acid	acyl	CH <sub>3</sub>	S	8-Fluoroguanine
amino acid	acyl	CH <sub>3</sub>	S	5-Fluorocytosine
amino acid	acyl	CH <sub>3</sub>	S	8-Fluoroadenine
amino acid	acyl	CH <sub>3</sub>	S	2-Fluoroadenine
amino acid	acyl	CH <sub>3</sub>	S	2,8-Difluoroadenine
amino acid	acyl	CH <sub>3</sub>	S	2-Fluorohypoxanthine
amino acid	acyl	CH <sub>3</sub>	S	8-Fluorohypoxanthine
amino acid	acyl	CH <sub>3</sub>	S	2,8-Difluorohypoxanthine
amino acid	acyl	CH <sub>3</sub>	S	2-Aminoadenine
amino acid	acyl	CH <sub>3</sub>	S	2-Amino-8-fluoroadenine
amino acid	acyl	CH <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
amino acid	acyl	CH <sub>3</sub>	S	2-Aminohypoxanthine
amino acid	acyl	CH <sub>3</sub>	S	2-N-acetyl原因
amino acid	acyl	CH <sub>3</sub>	S	4-N-acetylcytosine
amino acid	acyl	CH <sub>3</sub>	S	6-N-acetyl原因
amino acid	acyl	CH <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
amino acid	acyl	CH <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
amino acid	acyl	CH <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
amino acid	acyl	CH <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
amino acid	acyl	CH <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
amino acid	acyl	CH <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	acyl	CH <sub>3</sub>	S	2-N-acetyl原因
amino acid	acyl	CH <sub>3</sub>	S	2-N-acetyl原因-8-fluoroadenine
amino acid	acyl	CH <sub>3</sub>	S	2-N-acetyl原因-8-fluorohypoxanthine
amino acid	acyl	CH <sub>3</sub>	S	2-N-acetyl原因hypoxanthine
acyl	H	CF <sub>3</sub>	S	Thymine
acyl	H	CF <sub>3</sub>	S	Uracil
acyl	H	CF <sub>3</sub>	S	Guanine

R <sup>2</sup>	R <sup>3</sup>	R <sup>6</sup>	X	Base
acyl	H	CF <sub>3</sub>	S	Cytosine
acyl	H	CF <sub>3</sub>	S	Adenine
acyl	H	CF <sub>3</sub>	S	Hypoxanthine
acyl	H	CF <sub>3</sub>	S	5-Fluorouracil
acyl	H	CF <sub>3</sub>	S	8-Fluoroguanine
acyl	H	CF <sub>3</sub>	S	5-Fluorocytosine
acyl	H	CF <sub>3</sub>	S	8-Fluoroadenine
acyl	H	CF <sub>3</sub>	S	2-Fluoroadenine
acyl	H	CF <sub>3</sub>	S	2,8-Difluoroadenine
acyl	H	CF <sub>3</sub>	S	2-Fluorohypoxanthine
acyl	H	CF <sub>3</sub>	S	8-Fluorohypoxanthine
acyl	H	CF <sub>3</sub>	S	2,8-Difluorohypoxanthine
acyl	H	CF <sub>3</sub>	S	2-Aminoadenine
acyl	H	CF <sub>3</sub>	S	2-Amino-8-fluoroadenine
acyl	H	CF <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
acyl	H	CF <sub>3</sub>	S	2-Aminohypoxanthine
acyl	H	CF <sub>3</sub>	S	2-N-acetylguanine
acyl	H	CF <sub>3</sub>	S	4-N-acetylcytosine
acyl	H	CF <sub>3</sub>	S	6-N-acetyladenine
acyl	H	CF <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
acyl	H	CF <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
acyl	H	CF <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
acyl	H	CF <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
acyl	H	CF <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
acyl	H	CF <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
acyl	H	CF <sub>3</sub>	S	2-N-acetylaminoadenine
acyl	H	CF <sub>3</sub>	S	2-N-acetylamino-8-fluoroadenine
acyl	H	CF <sub>3</sub>	S	2-N-acetylamino-8-fluorohypoxanthine
acyl	H	CF <sub>3</sub>	S	2-N-acetylaminohypoxanthine
acyl	acyl	CF <sub>3</sub>	S	Thymine
acyl	acyl	CF <sub>3</sub>	S	Uracil
acyl	acyl	CF <sub>3</sub>	S	Guanine
acyl	acyl	CF <sub>3</sub>	S	Cytosine
acyl	acyl	CF <sub>3</sub>	S	Adenine
acyl	acyl	CF <sub>3</sub>	S	Hypoxanthine
acyl	acyl	CF <sub>3</sub>	S	5-Fluorouracil
acyl	acyl	CF <sub>3</sub>	S	8-Fluoroguanine
acyl	acyl	CF <sub>3</sub>	S	5-Fluorocytosine
acyl	acyl	CF <sub>3</sub>	S	8-Fluoroadenine
acyl	acyl	CF <sub>3</sub>	S	2-Fluoroadenine
acyl	acyl	CF <sub>3</sub>	S	2,8-Difluoroadenine
acyl	acyl	CF <sub>3</sub>	S	2-Fluorohypoxanthine
acyl	acyl	CF <sub>3</sub>	S	8-Fluorohypoxanthine
acyl	acyl	CF <sub>3</sub>	S	2,8-Difluorohypoxanthine
acyl	acyl	CF <sub>3</sub>	S	2-Aminoadenine
acyl	acyl	CF <sub>3</sub>	S	2-Amino-8-fluoroadenine
acyl	acyl	CF <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine

<b>R<sup>2</sup></b>	<b>R<sup>3</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
acyl	acyl	CF <sub>3</sub>	S	2-Aminohypoxanthine
acyl	acyl	CF <sub>3</sub>	S	2-N-acetylguanine
acyl	acyl	CF <sub>3</sub>	S	4-N-acetylcytosine
acyl	acyl	CF <sub>3</sub>	S	6-N-acetyladenine
acyl	acyl	CF <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
acyl	acyl	CF <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
acyl	acyl	CF <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
acyl	acyl	CF <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
acyl	acyl	CF <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
acyl	acyl	CF <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
acyl	acyl	CF <sub>3</sub>	S	2-N-acetylaminoadenine
acyl	acyl	CF <sub>3</sub>	S	2-N-acetylamino-8-fluoroadenine
acyl	acyl	CF <sub>3</sub>	S	2-N-acetylamino-8-fluorohypoxanthine
acyl	acyl	CF <sub>3</sub>	S	2-N-acetylaminohypoxanthine
acyl	amino acid	CF <sub>3</sub>	S	Thymine
acyl	amino acid	CF <sub>3</sub>	S	Uracil
acyl	amino acid	CF <sub>3</sub>	S	Guanine
acyl	amino acid	CF <sub>3</sub>	S	Cytosine
acyl	amino acid	CF <sub>3</sub>	S	Adenine
acyl	amino acid	CF <sub>3</sub>	S	Hypoxanthine
acyl	amino acid	CF <sub>3</sub>	S	5-Fluorouracil
acyl	amino acid	CF <sub>3</sub>	S	8-Fluoroguanine
acyl	amino acid	CF <sub>3</sub>	S	5-Fluorocytosine
acyl	amino acid	CF <sub>3</sub>	S	8-Fluoroadenine
acyl	amino acid	CF <sub>3</sub>	S	2-Fluoroadenine
acyl	amino acid	CF <sub>3</sub>	S	2,8-Difluoroadenine
acyl	amino acid	CF <sub>3</sub>	S	2-Fluorohypoxanthine
acyl	amino acid	CF <sub>3</sub>	S	8-Fluorohypoxanthine
acyl	amino acid	CF <sub>3</sub>	S	2,8-Difluorohypoxanthine
acyl	amino acid	CF <sub>3</sub>	S	2-Aminoadenine
acyl	amino acid	CF <sub>3</sub>	S	2-Amino-8-fluoroadenine
acyl	amino acid	CF <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
acyl	amino acid	CF <sub>3</sub>	S	2-Aminohypoxanthine
acyl	amino acid	CF <sub>3</sub>	S	2-N-acetylguanine
acyl	amino acid	CF <sub>3</sub>	S	4-N-acetylcytosine
acyl	amino acid	CF <sub>3</sub>	S	6-N-acetyladenine
acyl	amino acid	CF <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
acyl	amino acid	CF <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
acyl	amino acid	CF <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
acyl	amino acid	CF <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
acyl	amino acid	CF <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
acyl	amino acid	CF <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
acyl	amino acid	CF <sub>3</sub>	S	2-N-acetylaminoadenine
acyl	amino acid	CF <sub>3</sub>	S	2-N-acetylamino-8-fluoroadenine
acyl	amino acid	CF <sub>3</sub>	S	2-N-acetylamino-8-fluorohypoxanthine
acyl	amino acid	CF <sub>3</sub>	S	2-N-acetylaminohypoxanthine
H	acyl	CF <sub>3</sub>	S	Thymine

R <sup>2</sup>	R <sup>3</sup>	R <sup>6</sup>	X	Base
H	acyl	CF <sub>3</sub>	S	Uracil
H	acyl	CF <sub>3</sub>	S	Guanine
H	acyl	CF <sub>3</sub>	S	Cytosine
H	acyl	CF <sub>3</sub>	S	Adenine
H	acyl	CF <sub>3</sub>	S	Hypoxanthine
H	acyl	CF <sub>3</sub>	S	5-Fluorouracil
H	acyl	CF <sub>3</sub>	S	8-Fluoroguanine
H	acyl	CF <sub>3</sub>	S	5-Fluorocytosine
H	acyl	CF <sub>3</sub>	S	8-Fluoroadenine
H	acyl	CF <sub>3</sub>	S	2-Fluoroadenine
H	acyl	CF <sub>3</sub>	S	2,8-Difluoroadenine
H	acyl	CF <sub>3</sub>	S	2-Fluorohypoxanthine
H	acyl	CF <sub>3</sub>	S	8-Fluorohypoxanthine
H	acyl	CF <sub>3</sub>	S	2,8-Difluorohypoxanthine
H	acyl	CF <sub>3</sub>	S	2-Aminoadenine
H	acyl	CF <sub>3</sub>	S	2-Amino-8-fluoroadenine
H	acyl	CF <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
H	acyl	CF <sub>3</sub>	S	2-Aminohypoxanthine
H	acyl	CF <sub>3</sub>	S	2-N-acetylguanine
H	acyl	CF <sub>3</sub>	S	4-N-acetylcytosine
H	acyl	CF <sub>3</sub>	S	6-N-acetyl原因
H	acyl	CF <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
H	acyl	CF <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
H	acyl	CF <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
H	acyl	CF <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
H	acyl	CF <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
H	acyl	CF <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
H	acyl	CF <sub>3</sub>	S	2-N-acetyl原因
H	acyl	CF <sub>3</sub>	S	2-N-acetyl原因
H	acyl	CF <sub>3</sub>	S	2-N-acetyl原因
H	amino acid	CF <sub>3</sub>	S	Thymine
H	amino acid	CF <sub>3</sub>	S	Uracil
H	amino acid	CF <sub>3</sub>	S	Guanine
H	amino acid	CF <sub>3</sub>	S	Cytosine
H	amino acid	CF <sub>3</sub>	S	Adenine
H	amino acid	CF <sub>3</sub>	S	Hypoxanthine
H	amino acid	CF <sub>3</sub>	S	5-Fluorouracil
H	amino acid	CF <sub>3</sub>	S	8-Fluoroguanine
H	amino acid	CF <sub>3</sub>	S	5-Fluorocytosine
H	amino acid	CF <sub>3</sub>	S	8-Fluoroadenine
H	amino acid	CF <sub>3</sub>	S	2-Fluoroadenine
H	amino acid	CF <sub>3</sub>	S	2,8-Difluoroadenine
H	amino acid	CF <sub>3</sub>	S	2-Fluorohypoxanthine
H	amino acid	CF <sub>3</sub>	S	8-Fluorohypoxanthine
H	amino acid	CF <sub>3</sub>	S	2,8-Difluorohypoxanthine
H	amino acid	CF <sub>3</sub>	S	2-Aminoadenine



R <sup>2</sup>	R <sup>3</sup>	R <sup>6</sup>	X	Base
H	amino acid	CF <sub>3</sub>	S	2-Amino-8-fluoroadenine
H	amino acid	CF <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
H	amino acid	CF <sub>3</sub>	S	2-Aminohypoxanthine
H	amino acid	CF <sub>3</sub>	S	2-N-acetylguanine
H	amino acid	CF <sub>3</sub>	S	4-N-acetylcytosine
H	amino acid	CF <sub>3</sub>	S	6-N-acetyladenine
H	amino acid	CF <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
H	amino acid	CF <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
H	amino acid	CF <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
H	amino acid	CF <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
H	amino acid	CF <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
H	amino acid	CF <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
H	amino acid	CF <sub>3</sub>	S	2-N-acetylaminoadenine
H	amino acid	CF <sub>3</sub>	S	2-N-acetylamino-8-fluoroadenine
H	amino acid	CF <sub>3</sub>	S	2-N-acetylamino-8-fluorohypoxanthine
H	amino acid	CF <sub>3</sub>	S	2-N-acetylaminohypoxanthine
amino acid	amino acid	CF <sub>3</sub>	S	Thymine
amino acid	amino acid	CF <sub>3</sub>	S	Uracil
amino acid	amino acid	CF <sub>3</sub>	S	Guanine
amino acid	amino acid	CF <sub>3</sub>	S	Cytosine
amino acid	amino acid	CF <sub>3</sub>	S	Adenine
amino acid	amino acid	CF <sub>3</sub>	S	Hypoxanthine
amino acid	amino acid	CF <sub>3</sub>	S	5-Fluorouracil
amino acid	amino acid	CF <sub>3</sub>	S	8-Fluoroguanine
amino acid	amino acid	CF <sub>3</sub>	S	5-Fluorocytosine
amino acid	amino acid	CF <sub>3</sub>	S	8-Fluoroadenine
amino acid	amino acid	CF <sub>3</sub>	S	2-Fluoroadenine
amino acid	amino acid	CF <sub>3</sub>	S	2,8-Difluoroadenine
amino acid	amino acid	CF <sub>3</sub>	S	2-Fluorohypoxanthine
amino acid	amino acid	CF <sub>3</sub>	S	8-Fluorohypoxanthine
amino acid	amino acid	CF <sub>3</sub>	S	2,8-Difluorohypoxanthine
amino acid	amino acid	CF <sub>3</sub>	S	2-Aminoadenine
amino acid	amino acid	CF <sub>3</sub>	S	2-Amino-8-fluoroadenine
amino acid	amino acid	CF <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
amino acid	amino acid	CF <sub>3</sub>	S	2-Aminohypoxanthine
amino acid	amino acid	CF <sub>3</sub>	S	2-N-acetylguanine
amino acid	amino acid	CF <sub>3</sub>	S	4-N-acetylcytosine
amino acid	amino acid	CF <sub>3</sub>	S	6-N-acetyladenine
amino acid	amino acid	CF <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
amino acid	amino acid	CF <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
amino acid	amino acid	CF <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
amino acid	amino acid	CF <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
amino acid	amino acid	CF <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
amino acid	amino acid	CF <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	amino acid	CF <sub>3</sub>	S	2-N-acetylaminoadenine
amino acid	amino acid	CF <sub>3</sub>	S	2-N-acetylamino-8-fluoroadenine
amino acid	amino acid	CF <sub>3</sub>	S	2-N-acetylamino-8-fluorohypoxanthine

R <sup>2</sup>	R <sup>3</sup>	R <sup>6</sup>	X	Base
amino acid	amino acid	CF <sub>3</sub>	S	2-N-acetylaminohypoxanthine
amino acid	H	CF <sub>3</sub>	S	Thymine
amino acid	H	CF <sub>3</sub>	S	Uracil
amino acid	H	CF <sub>3</sub>	S	Guanine
amino acid	H	CF <sub>3</sub>	S	Cytosine
amino acid	H	CF <sub>3</sub>	S	Adenine
amino acid	H	CF <sub>3</sub>	S	Hypoxanthine
amino acid	H	CF <sub>3</sub>	S	5-Fluorouracil
amino acid	H	CF <sub>3</sub>	S	8-Fluoroguanine
amino acid	H	CF <sub>3</sub>	S	5-Fluorocytosine
amino acid	H	CF <sub>3</sub>	S	8-Fluoroadenine
amino acid	H	CF <sub>3</sub>	S	2-Fluoroadenine
amino acid	H	CF <sub>3</sub>	S	2,8-Difluoroadenine
amino acid	H	CF <sub>3</sub>	S	2-Fluorohypoxanthine
amino acid	H	CF <sub>3</sub>	S	8-Fluorohypoxanthine
amino acid	H	CF <sub>3</sub>	S	2,8-Difluorohypoxanthine
amino acid	H	CF <sub>3</sub>	S	2-Aminoadenine
amino acid	H	CF <sub>3</sub>	S	2-Amino-8-fluoroadenine
amino acid	H	CF <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
amino acid	H	CF <sub>3</sub>	S	2-Aminohypoxanthine
amino acid	H	CF <sub>3</sub>	S	2-N-acetylguanine
amino acid	H	CF <sub>3</sub>	S	4-N-acetylcytosine
amino acid	H	CF <sub>3</sub>	S	6-N-acetyl原因
amino acid	H	CF <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
amino acid	H	CF <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
amino acid	H	CF <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
amino acid	H	CF <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
amino acid	H	CF <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
amino acid	H	CF <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	H	CF <sub>3</sub>	S	2-N-acetylaminoadenine
amino acid	H	CF <sub>3</sub>	S	2-N-acetyl-amino-8-fluoroadenine
amino acid	H	CF <sub>3</sub>	S	2-N-acetyl-amino-8-fluorohypoxanthine
amino acid	H	CF <sub>3</sub>	S	2-N-acetylaminohypoxanthine
amino acid	acyl	CF <sub>3</sub>	S	Thymine
amino acid	acyl	CF <sub>3</sub>	S	Uracil
amino acid	acyl	CF <sub>3</sub>	S	Guanine
amino acid	acyl	CF <sub>3</sub>	S	Cytosine
amino acid	acyl	CF <sub>3</sub>	S	Adenine
amino acid	acyl	CF <sub>3</sub>	S	Hypoxanthine
amino acid	acyl	CF <sub>3</sub>	S	5-Fluorouracil
amino acid	acyl	CF <sub>3</sub>	S	8-Fluoroguanine
amino acid	acyl	CF <sub>3</sub>	S	5-Fluorocytosine
amino acid	acyl	CF <sub>3</sub>	S	8-Fluoroadenine
amino acid	acyl	CF <sub>3</sub>	S	2-Fluoroadenine
amino acid	acyl	CF <sub>3</sub>	S	2,8-Difluoroadenine
amino acid	acyl	CF <sub>3</sub>	S	2-Fluorohypoxanthine
amino acid	acyl	CF <sub>3</sub>	S	8-Fluorohypoxanthine

<b>R<sup>2</sup></b>	<b>R<sup>3</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
amino acid	acyl	CF <sub>3</sub>	S	2,8-Difluorohypoxanthine
amino acid	acyl	CF <sub>3</sub>	S	2-Aminoadenine
amino acid	acyl	CF <sub>3</sub>	S	2-Amino-8-fluoroadenine
amino acid	acyl	CF <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
amino acid	acyl	CF <sub>3</sub>	S	2-Aminohypoxanthine
amino acid	acyl	CF <sub>3</sub>	S	2-N-acetylguanine
amino acid	acyl	CF <sub>3</sub>	S	4-N-acetylcytosine
amino acid	acyl	CF <sub>3</sub>	S	6-N-acetyladenine
amino acid	acyl	CF <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
amino acid	acyl	CF <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
amino acid	acyl	CF <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
amino acid	acyl	CF <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
amino acid	acyl	CF <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
amino acid	acyl	CF <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	acyl	CF <sub>3</sub>	S	2-N-acetylaminoadenine
amino acid	acyl	CF <sub>3</sub>	S	2-N-acetylamino-8-fluoroadenine
amino acid	acyl	CF <sub>3</sub>	S	2-N-acetylamino-8-fluorohypoxanthine
amino acid	acyl	CF <sub>3</sub>	S	2-N-acetylaminohypoxanthine
acyl	H	CF <sub>3</sub>	O	Thymine
acyl	H	CF <sub>3</sub>	O	Uracil
acyl	H	CF <sub>3</sub>	O	Guanine
acyl	H	CF <sub>3</sub>	O	Cytosine
acyl	H	CF <sub>3</sub>	O	Adenine
acyl	H	CF <sub>3</sub>	O	Hypoxanthine
acyl	H	CF <sub>3</sub>	O	5-Fluorouracil
acyl	H	CF <sub>3</sub>	O	8-Fluoroguanine
acyl	H	CF <sub>3</sub>	O	5-Fluorocytosine
acyl	H	CF <sub>3</sub>	O	8-Fluoroadenine
acyl	H	CF <sub>3</sub>	O	2-Fluoroadenine
acyl	H	CF <sub>3</sub>	O	2,8-Difluoroadenine
acyl	H	CF <sub>3</sub>	O	2-Fluorohypoxanthine
acyl	H	CF <sub>3</sub>	O	8-Fluorohypoxanthine
acyl	H	CF <sub>3</sub>	O	2,8-Difluorohypoxanthine
acyl	H	CF <sub>3</sub>	O	2-Aminoadenine
acyl	H	CF <sub>3</sub>	O	2-Amino-8-fluoroadenine
acyl	H	CF <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
acyl	H	CF <sub>3</sub>	O	2-Aminohypoxanthine
acyl	H	CF <sub>3</sub>	O	2-N-acetylguanine
acyl	H	CF <sub>3</sub>	O	4-N-acetylcytosine
acyl	H	CF <sub>3</sub>	O	6-N-acetyladenine
acyl	H	CF <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
acyl	H	CF <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
acyl	H	CF <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
acyl	H	CF <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
acyl	H	CF <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
acyl	H	CF <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
acyl	H	CF <sub>3</sub>	O	2-N-acetylaminoadenine

<b>R<sup>2</sup></b>	<b>R<sup>3</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
acyl	H	CF <sub>3</sub>	O	2-N-acetylamino-8-fluoroadenine
acyl	H	CF <sub>3</sub>	O	2-N-acetylamino-8-fluorohypoxanthine
acyl	H	CF <sub>3</sub>	O	2-N-acetylaminohypoxanthine
acyl	acyl	CF <sub>3</sub>	O	Thymine
acyl	acyl	CF <sub>3</sub>	O	Uracil
acyl	acyl	CF <sub>3</sub>	O	Guanine
acyl	acyl	CF <sub>3</sub>	O	Cytosine
acyl	acyl	CF <sub>3</sub>	O	Adenine
acyl	acyl	CF <sub>3</sub>	O	Hypoxanthine
acyl	acyl	CF <sub>3</sub>	O	5-Fluorouracil
acyl	acyl	CF <sub>3</sub>	O	8-Fluoroguanine
acyl	acyl	CF <sub>3</sub>	O	5-Fluorocytosine
acyl	acyl	CF <sub>3</sub>	O	8-Fluoroadenine
acyl	acyl	CF <sub>3</sub>	O	2-Fluoroadenine
acyl	acyl	CF <sub>3</sub>	O	2,8-Difluoroadenine
acyl	acyl	CF <sub>3</sub>	O	2-Fluorohypoxanthine
acyl	acyl	CF <sub>3</sub>	O	8-Fluorohypoxanthine
acyl	acyl	CF <sub>3</sub>	O	2,8-Difluorohypoxanthine
acyl	acyl	CF <sub>3</sub>	O	2-Aminoadenine
acyl	acyl	CF <sub>3</sub>	O	2-Amino-8-fluoroadenine
acyl	acyl	CF <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
acyl	acyl	CF <sub>3</sub>	O	2-Aminohypoxanthine
acyl	acyl	CF <sub>3</sub>	O	2-N-acetylguanine
acyl	acyl	CF <sub>3</sub>	O	4-N-acetylcytosine
acyl	acyl	CF <sub>3</sub>	O	6-N-acetyladenine
acyl	acyl	CF <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
acyl	acyl	CF <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
acyl	acyl	CF <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
acyl	acyl	CF <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
acyl	acyl	CF <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
acyl	acyl	CF <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
acyl	acyl	CF <sub>3</sub>	O	2-N-acetylaminoadenine
acyl	acyl	CF <sub>3</sub>	O	2-N-acetylamino-8-fluoroadenine
acyl	acyl	CF <sub>3</sub>	O	2-N-acetylamino-8-fluorohypoxanthine
acyl	acyl	CF <sub>3</sub>	O	2-N-acetylaminohypoxanthine
acyl	amino acid	CF <sub>3</sub>	O	Thymine
acyl	amino acid	CF <sub>3</sub>	O	Uracil
acyl	amino acid	CF <sub>3</sub>	O	Guanine
acyl	amino acid	CF <sub>3</sub>	O	Cytosine
acyl	amino acid	CF <sub>3</sub>	O	Adenine
acyl	amino acid	CF <sub>3</sub>	O	Hypoxanthine
acyl	amino acid	CF <sub>3</sub>	O	5-Fluorouracil
acyl	amino acid	CF <sub>3</sub>	O	8-Fluoroguanine
acyl	amino acid	CF <sub>3</sub>	O	5-Fluorocytosine
acyl	amino acid	CF <sub>3</sub>	O	8-Fluoroadenine
acyl	amino acid	CF <sub>3</sub>	O	2-Fluoroadenine
acyl	amino acid	CF <sub>3</sub>	O	2,8-Difluoroadenine

<b>R<sup>2</sup></b>	<b>R<sup>3</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
acyl	amino acid	CF <sub>3</sub>	O	2-Fluorohypoxanthine
acyl	amino acid	CF <sub>3</sub>	O	8-Fluorohypoxanthine
acyl	amino acid	CF <sub>3</sub>	O	2,8-Difluorohypoxanthine
acyl	amino acid	CF <sub>3</sub>	O	2-Aminoadenine
acyl	amino acid	CF <sub>3</sub>	O	2-Amino-8-fluoroadenine
acyl	amino acid	CF <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
acyl	amino acid	CF <sub>3</sub>	O	2-Aminohypoxanthine
acyl	amino acid	CF <sub>3</sub>	O	2-N-acetylguanine
acyl	amino acid	CF <sub>3</sub>	O	4-N-acetylcytosine
acyl	amino acid	CF <sub>3</sub>	O	6-N-acetyladenine
acyl	amino acid	CF <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
acyl	amino acid	CF <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
acyl	amino acid	CF <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
acyl	amino acid	CF <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
acyl	amino acid	CF <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
acyl	amino acid	CF <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
acyl	amino acid	CF <sub>3</sub>	O	2-N-acetylaminoadenine
acyl	amino acid	CF <sub>3</sub>	O	2-N-acetyl-amino-8-fluoroadenine
acyl	amino acid	CF <sub>3</sub>	O	2-N-acetyl-amino-8-fluorohypoxanthine
acyl	amino acid	CF <sub>3</sub>	O	2-N-acetylaminohypoxanthine
H	acyl	CF <sub>3</sub>	O	Thymine
H	acyl	CF <sub>3</sub>	O	Uracil
H	acyl	CF <sub>3</sub>	O	Guanine
H	acyl	CF <sub>3</sub>	O	Cytosine
H	acyl	CF <sub>3</sub>	O	Adenine
H	acyl	CF <sub>3</sub>	O	Hypoxanthine
H	acyl	CF <sub>3</sub>	O	5-Fluorouracil
H	acyl	CF <sub>3</sub>	O	8-Fluoroguanine
H	acyl	CF <sub>3</sub>	O	5-Fluorocytosine
H	acyl	CF <sub>3</sub>	O	8-Fluoroadenine
H	acyl	CF <sub>3</sub>	O	2-Fluoroadenine
H	acyl	CF <sub>3</sub>	O	2,8-Difluoroadenine
H	acyl	CF <sub>3</sub>	O	2-Fluorohypoxanthine
H	acyl	CF <sub>3</sub>	O	8-Fluorohypoxanthine
H	acyl	CF <sub>3</sub>	O	2,8-Difluorohypoxanthine
H	acyl	CF <sub>3</sub>	O	2-Aminoadenine
H	acyl	CF <sub>3</sub>	O	2-Amino-8-fluoroadenine
H	acyl	CF <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
H	acyl	CF <sub>3</sub>	O	2-Aminohypoxanthine
H	acyl	CF <sub>3</sub>	O	2-N-acetylguanine
H	acyl	CF <sub>3</sub>	O	4-N-acetylcytosine
H	acyl	CF <sub>3</sub>	O	6-N-acetyladenine
H	acyl	CF <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
H	acyl	CF <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
H	acyl	CF <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
H	acyl	CF <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
H	acyl	CF <sub>3</sub>	O	6-N-acetyl-2-aminoadenine

R <sup>2</sup>	R <sup>3</sup>	R <sup>6</sup>	X	Base
H	acyl	CF <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
H	acyl	CF <sub>3</sub>	O	2-N-acetylaminoadenine
H	acyl	CF <sub>3</sub>	O	2-N-acetyl-amino-8-fluoroadenine
H	acyl	CF <sub>3</sub>	O	2-N-acetyl-amino-8-fluorohypoxanthine
H	acyl	CF <sub>3</sub>	O	2-N-acetylaminohypoxanthine
H	amino acid	CF <sub>3</sub>	O	Thymine
H	amino acid	CF <sub>3</sub>	O	Uracil
H	amino acid	CF <sub>3</sub>	O	Guanine
H	amino acid	CF <sub>3</sub>	O	Cytosine
H	amino acid	CF <sub>3</sub>	O	Adenine
H	amino acid	CF <sub>3</sub>	O	Hypoxanthine
H	amino acid	CF <sub>3</sub>	O	5-Fluorouracil
H	amino acid	CF <sub>3</sub>	O	8-Fluoroguanine
H	amino acid	CF <sub>3</sub>	O	5-Fluorocytosine
H	amino acid	CF <sub>3</sub>	O	8-Fluoroadenine
H	amino acid	CF <sub>3</sub>	O	2-Fluoroadenine
H	amino acid	CF <sub>3</sub>	O	2,8-Difluoroadenine
H	amino acid	CF <sub>3</sub>	O	2-Fluorohypoxanthine
H	amino acid	CF <sub>3</sub>	O	8-Fluorohypoxanthine
H	amino acid	CF <sub>3</sub>	O	2,8-Difluorohypoxanthine
H	amino acid	CF <sub>3</sub>	O	2-Aminoadenine
H	amino acid	CF <sub>3</sub>	O	2-Amino-8-fluoroadenine
H	amino acid	CF <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
H	amino acid	CF <sub>3</sub>	O	2-Aminohypoxanthine
H	amino acid	CF <sub>3</sub>	O	2-N-acetylguanine
H	amino acid	CF <sub>3</sub>	O	4-N-acetylcytosine
H	amino acid	CF <sub>3</sub>	O	6-N-acetyl-adenine
H	amino acid	CF <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
H	amino acid	CF <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
H	amino acid	CF <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
H	amino acid	CF <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
H	amino acid	CF <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
H	amino acid	CF <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
H	amino acid	CF <sub>3</sub>	O	2-N-acetylaminoadenine
H	amino acid	CF <sub>3</sub>	O	2-N-acetyl-amino-8-fluoroadenine
H	amino acid	CF <sub>3</sub>	O	2-N-acetyl-amino-8-fluorohypoxanthine
H	amino acid	CF <sub>3</sub>	O	2-N-acetylaminohypoxanthine
amino acid	amino acid	CF <sub>3</sub>	O	Thymine
amino acid	amino acid	CF <sub>3</sub>	O	Uracil
amino acid	amino acid	CF <sub>3</sub>	O	Guanine
amino acid	amino acid	CF <sub>3</sub>	O	Cytosine
amino acid	amino acid	CF <sub>3</sub>	O	Adenine
amino acid	amino acid	CF <sub>3</sub>	O	Hypoxanthine
amino acid	amino acid	CF <sub>3</sub>	O	5-Fluorouracil
amino acid	amino acid	CF <sub>3</sub>	O	8-Fluoroguanine
amino acid	amino acid	CF <sub>3</sub>	O	5-Fluorocytosine
amino acid	amino acid	CF <sub>3</sub>	O	8-Fluoroadenine

<b>R<sup>2</sup></b>	<b>R<sup>3</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
amino acid	amino acid	CF <sub>3</sub>	O	2-Fluoroadenine
amino acid	amino acid	CF <sub>3</sub>	O	2,8-Difluoroadenine
amino acid	amino acid	CF <sub>3</sub>	O	2-Fluorohypoxanthine
amino acid	amino acid	CF <sub>3</sub>	O	8-Fluorohypoxanthine
amino acid	amino acid	CF <sub>3</sub>	O	2,8-Difluorohypoxanthine
amino acid	amino acid	CF <sub>3</sub>	O	2-Aminoadenine
amino acid	amino acid	CF <sub>3</sub>	O	2-Amino-8-fluoroadenine
amino acid	amino acid	CF <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
amino acid	amino acid	CF <sub>3</sub>	O	2-Aminohypoxanthine
amino acid	amino acid	CF <sub>3</sub>	O	2-N-acetylguanine
amino acid	amino acid	CF <sub>3</sub>	O	4-N-acetylcytosine
amino acid	amino acid	CF <sub>3</sub>	O	6-N-acetyladenine
amino acid	amino acid	CF <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
amino acid	amino acid	CF <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
amino acid	amino acid	CF <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
amino acid	amino acid	CF <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
amino acid	amino acid	CF <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
amino acid	amino acid	CF <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	amino acid	CF <sub>3</sub>	O	2-N-acetylaminoadenine
amino acid	amino acid	CF <sub>3</sub>	O	2-N-acetylamino-8-fluoroadenine
amino acid	amino acid	CF <sub>3</sub>	O	2-N-acetylamino-8-fluorohypoxanthine
amino acid	amino acid	CF <sub>3</sub>	O	2-N-acetylaminohypoxanthine
amino acid	H	CF <sub>3</sub>	O	Thymine
amino acid	H	CF <sub>3</sub>	O	Uracil
amino acid	H	CF <sub>3</sub>	O	Guanine
amino acid	H	CF <sub>3</sub>	O	Cytosine
amino acid	H	CF <sub>3</sub>	O	Adenine
amino acid	H	CF <sub>3</sub>	O	Hypoxanthine
amino acid	H	CF <sub>3</sub>	O	5-Fluorouracil
amino acid	H	CF <sub>3</sub>	O	8-Fluoroguanine
amino acid	H	CF <sub>3</sub>	O	5-Fluorocytosine
amino acid	H	CF <sub>3</sub>	O	8-Fluoroadenine
amino acid	H	CF <sub>3</sub>	O	2-Fluoroadenine
amino acid	H	CF <sub>3</sub>	O	2,8-Difluoroadenine
amino acid	H	CF <sub>3</sub>	O	2-Fluorohypoxanthine
amino acid	H	CF <sub>3</sub>	O	8-Fluorohypoxanthine
amino acid	H	CF <sub>3</sub>	O	2,8-Difluorohypoxanthine
amino acid	H	CF <sub>3</sub>	O	2-Aminoadenine
amino acid	H	CF <sub>3</sub>	O	2-Amino-8-fluoroadenine
amino acid	H	CF <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
amino acid	H	CF <sub>3</sub>	O	2-Aminohypoxanthine
amino acid	H	CF <sub>3</sub>	O	2-N-acetylguanine
amino acid	H	CF <sub>3</sub>	O	4-N-acetylcytosine
amino acid	H	CF <sub>3</sub>	O	6-N-acetyladenine
amino acid	H	CF <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
amino acid	H	CF <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
amino acid	H	CF <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine

<b>R<sup>2</sup></b>	<b>R<sup>3</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
amino acid	H	CF <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
amino acid	H	CF <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
amino acid	H	CF <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	H	CF <sub>3</sub>	O	2-N-acetylaminoadenine
amino acid	H	CF <sub>3</sub>	O	2-N-acetylamino-8-fluoroadenine
amino acid	H	CF <sub>3</sub>	O	2-N-acetylamino-8-fluorohypoxanthine
amino acid	H	CF <sub>3</sub>	O	2-N-acetylaminohypoxanthine
amino acid	acyl	CF <sub>3</sub>	O	Thymine
amino acid	acyl	CF <sub>3</sub>	O	Uracil
amino acid	acyl	CF <sub>3</sub>	O	Guanine
amino acid	acyl	CF <sub>3</sub>	O	Cytosine
amino acid	acyl	CF <sub>3</sub>	O	Adenine
amino acid	acyl	CF <sub>3</sub>	O	Hypoxanthine
amino acid	acyl	CF <sub>3</sub>	O	5-Fluorouracil
amino acid	acyl	CF <sub>3</sub>	O	8-Fluoroguanine
amino acid	acyl	CF <sub>3</sub>	O	5-Fluorocytosine
amino acid	acyl	CF <sub>3</sub>	O	8-Fluoroadenine
amino acid	acyl	CF <sub>3</sub>	O	2-Fluoroadenine
amino acid	acyl	CF <sub>3</sub>	O	2,8-Difluoroadenine
amino acid	acyl	CF <sub>3</sub>	O	2-Fluorohypoxanthine
amino acid	acyl	CF <sub>3</sub>	O	8-Fluorohypoxanthine
amino acid	acyl	CF <sub>3</sub>	O	2,8-Difluorohypoxanthine
amino acid	acyl	CF <sub>3</sub>	O	2-Aminoadenine
amino acid	acyl	CF <sub>3</sub>	O	2-Amino-8-fluoroadenine
amino acid	acyl	CF <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
amino acid	acyl	CF <sub>3</sub>	O	2-Aminohypoxanthine
amino acid	acyl	CF <sub>3</sub>	O	2-N-acetylguanine
amino acid	acyl	CF <sub>3</sub>	O	4-N-acetylcytosine
amino acid	acyl	CF <sub>3</sub>	O	6-N-acetyladenine
amino acid	acyl	CF <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
amino acid	acyl	CF <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
amino acid	acyl	CF <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
amino acid	acyl	CF <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
amino acid	acyl	CF <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
amino acid	acyl	CF <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	acyl	CF <sub>3</sub>	O	2-N-acetylaminoadenine
amino acid	acyl	CF <sub>3</sub>	O	2-N-acetylamino-8-fluoroadenine
amino acid	acyl	CF <sub>3</sub>	O	2-N-acetylamino-8-fluorohypoxanthine
amino acid	acyl	CF <sub>3</sub>	O	2-N-acetylaminohypoxanthine



Table 10

R <sup>2</sup>	R <sup>7</sup>	R <sup>6</sup>	X	Base
acyl	H	CH <sub>3</sub>	O	Thymine
acyl	H	CH <sub>3</sub>	O	Uracil
acyl	H	CH <sub>3</sub>	O	Guanine
acyl	H	CH <sub>3</sub>	O	Cytosine
acyl	H	CH <sub>3</sub>	O	Adenine
acyl	H	CH <sub>3</sub>	O	Hypoxanthine
acyl	H	CH <sub>3</sub>	O	5-Fluorouracil
acyl	H	CH <sub>3</sub>	O	8-Fluoroguanine
acyl	H	CH <sub>3</sub>	O	5-Fluorocytosine
acyl	H	CH <sub>3</sub>	O	8-Fluoroadenine
acyl	H	CH <sub>3</sub>	O	2-Fluoroadenine
acyl	H	CH <sub>3</sub>	O	2,8-Difluoroadenine
acyl	H	CH <sub>3</sub>	O	2-Fluorohypoxanthine
acyl	H	CH <sub>3</sub>	O	8-Fluorohypoxanthine
acyl	H	CH <sub>3</sub>	O	2,8-Difluorohypoxanthine
acyl	H	CH <sub>3</sub>	O	2-Aminoadenine
acyl	H	CH <sub>3</sub>	O	2-Amino-8-fluoroadenine
acyl	H	CH <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
acyl	H	CH <sub>3</sub>	O	2-Aminohypoxanthine
acyl	H	CH <sub>3</sub>	O	2-N-acetylguanine
acyl	H	CH <sub>3</sub>	O	4-N-acetylcytosine
acyl	H	CH <sub>3</sub>	O	6-N-acetyl原因
acyl	H	CH <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
acyl	H	CH <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
acyl	H	CH <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
acyl	H	CH <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
acyl	H	CH <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
acyl	H	CH <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
acyl	H	CH <sub>3</sub>	O	2-N-acetylaminoadenine
acyl	H	CH <sub>3</sub>	O	2-N-acetyl-amino-8-fluoroadenine
acyl	H	CH <sub>3</sub>	O	2-N-acetyl-amino-8-fluorohypoxanthine
acyl	H	CH <sub>3</sub>	O	2-N-acetylaminohypoxanthine
acyl	F	CH <sub>3</sub>	O	Thymine
acyl	F	CH <sub>3</sub>	O	Uracil
acyl	F	CH <sub>3</sub>	O	Guanine
acyl	F	CH <sub>3</sub>	O	Cytosine
acyl	F	CH <sub>3</sub>	O	Adenine
acyl	F	CH <sub>3</sub>	O	Hypoxanthine
acyl	F	CH <sub>3</sub>	O	5-Fluorouracil
acyl	F	CH <sub>3</sub>	O	8-Fluoroguanine
acyl	F	CH <sub>3</sub>	O	5-Fluorocytosine
acyl	F	CH <sub>3</sub>	O	8-Fluoroadenine
acyl	F	CH <sub>3</sub>	O	2-Fluoroadenine
acyl	F	CH <sub>3</sub>	O	2,8-Difluoroadenine
acyl	F	CH <sub>3</sub>	O	2-Fluorohypoxanthine

R <sup>2</sup>	R <sup>7</sup>	R <sup>6</sup>	X	Base
acyl	F	CH <sub>3</sub>	O	8-Fluorohypoxanthine
acyl	F	CH <sub>3</sub>	O	2,8-Difluorohypoxanthine
acyl	F	CH <sub>3</sub>	O	2-Aminoadenine
acyl	F	CH <sub>3</sub>	O	2-Amino-8-fluoroadenine
acyl	F	CH <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
acyl	F	CH <sub>3</sub>	O	2-Aminohypoxanthine
acyl	F	CH <sub>3</sub>	O	2-N-acetylguanine
acyl	F	CH <sub>3</sub>	O	4-N-acetylcytosine
acyl	F	CH <sub>3</sub>	O	6-N-acetyl原因
acyl	F	CH <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
acyl	F	CH <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
acyl	F	CH <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
acyl	F	CH <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
acyl	F	CH <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
acyl	F	CH <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
acyl	F	CH <sub>3</sub>	O	2-N-acetylaminoadenine
acyl	F	CH <sub>3</sub>	O	2-N-acetyl-amino-8-fluoroadenine
acyl	F	CH <sub>3</sub>	O	2-N-acetyl-amino-8-fluorohypoxanthine
acyl	F	CH <sub>3</sub>	O	2-N-acetylaminohypoxanthine
amino acid	H	CH <sub>3</sub>	O	Thymine
amino acid	H	CH <sub>3</sub>	O	Uracil
amino acid	H	CH <sub>3</sub>	O	Guanine
amino acid	H	CH <sub>3</sub>	O	Cytosine
amino acid	H	CH <sub>3</sub>	O	Adenine
amino acid	H	CH <sub>3</sub>	O	Hypoxanthine
amino acid	H	CH <sub>3</sub>	O	5-Fluorouracil
amino acid	H	CH <sub>3</sub>	O	8-Fluoroguanine
amino acid	H	CH <sub>3</sub>	O	5-Fluorocytosine
amino acid	H	CH <sub>3</sub>	O	8-Fluoroadenine
amino acid	H	CH <sub>3</sub>	O	2-Fluoroadenine
amino acid	H	CH <sub>3</sub>	O	2,8-Difluoroadenine
amino acid	H	CH <sub>3</sub>	O	2-Fluorohypoxanthine
amino acid	H	CH <sub>3</sub>	O	8-Fluorohypoxanthine
amino acid	H	CH <sub>3</sub>	O	2,8-Difluorohypoxanthine
amino acid	H	CH <sub>3</sub>	O	2-Aminoadenine
amino acid	H	CH <sub>3</sub>	O	2-Amino-8-fluoroadenine
amino acid	H	CH <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
amino acid	H	CH <sub>3</sub>	O	2-Aminohypoxanthine
amino acid	H	CH <sub>3</sub>	O	2-N-acetylguanine
amino acid	H	CH <sub>3</sub>	O	4-N-acetylcytosine
amino acid	H	CH <sub>3</sub>	O	6-N-acetyl原因
amino acid	H	CH <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
amino acid	H	CH <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
amino acid	H	CH <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
amino acid	H	CH <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
amino acid	H	CH <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
amino acid	H	CH <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine

R <sup>2</sup>	R <sup>7</sup>	R <sup>6</sup>	X	Base
amino acid	H	CH <sub>3</sub>	O	2-N-acetylaminoadenine
amino acid	H	CH <sub>3</sub>	O	2-N-acetylamino-8-fluoroadenine
amino acid	H	CH <sub>3</sub>	O	2-N-acetylamino-8-fluorohypoxanthine
amino acid	H	CH <sub>3</sub>	O	2-N-acetylaminohypoxanthine
amino acid	F	CH <sub>3</sub>	O	Thymine
amino acid	F	CH <sub>3</sub>	O	Uracil
amino acid	F	CH <sub>3</sub>	O	Guanine
amino acid	F	CH <sub>3</sub>	O	Cytosine
amino acid	F	CH <sub>3</sub>	O	Adenine
amino acid	F	CH <sub>3</sub>	O	Hypoxanthine
amino acid	F	CH <sub>3</sub>	O	5-Fluorouracil
amino acid	F	CH <sub>3</sub>	O	8-Fluoroguanine
amino acid	F	CH <sub>3</sub>	O	5-Fluorocytosine
amino acid	F	CH <sub>3</sub>	O	8-Fluoroadenine
amino acid	F	CH <sub>3</sub>	O	2-Fluoroadenine
amino acid	F	CH <sub>3</sub>	O	2,8-Difluoroadenine
amino acid	F	CH <sub>3</sub>	O	2-Fluorohypoxanthine
amino acid	F	CH <sub>3</sub>	O	8-Fluorohypoxanthine
amino acid	F	CH <sub>3</sub>	O	2,8-Difluorohypoxanthine
amino acid	F	CH <sub>3</sub>	O	2-Aminoadenine
amino acid	F	CH <sub>3</sub>	O	2-Amino-8-fluoroadenine
amino acid	F	CH <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
amino acid	F	CH <sub>3</sub>	O	2-Aminohypoxanthine
amino acid	F	CH <sub>3</sub>	O	2-N-acetylguanine
amino acid	F	CH <sub>3</sub>	O	4-N-acetylcytosine
amino acid	F	CH <sub>3</sub>	O	6-N-acetyladenine
amino acid	F	CH <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
amino acid	F	CH <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
amino acid	F	CH <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
amino acid	F	CH <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
amino acid	F	CH <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
amino acid	F	CH <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	F	CH <sub>3</sub>	O	2-N-acetylaminoadenine
amino acid	F	CH <sub>3</sub>	O	2-N-acetylamino-8-fluoroadenine
amino acid	F	CH <sub>3</sub>	O	2-N-acetylamino-8-fluorohypoxanthine
amino acid	F	CH <sub>3</sub>	O	2-N-acetylaminohypoxanthine
acyl	H	CH <sub>3</sub>	S	Thymine
acyl	H	CH <sub>3</sub>	S	Uracil
acyl	H	CH <sub>3</sub>	S	Guanine
acyl	H	CH <sub>3</sub>	S	Cytosine
acyl	H	CH <sub>3</sub>	S	Adenine
acyl	H	CH <sub>3</sub>	S	Hypoxanthine
acyl	H	CH <sub>3</sub>	S	5-Fluorouracil
acyl	H	CH <sub>3</sub>	S	8-Fluoroguanine
acyl	H	CH <sub>3</sub>	S	5-Fluorocytosine
acyl	H	CH <sub>3</sub>	S	8-Fluoroadenine
acyl	H	CH <sub>3</sub>	S	2-Fluoroadenine

R <sup>2</sup>	R <sup>7</sup>	R <sup>6</sup>	X	Base
acyl	H	CH <sub>3</sub>	S	2,8-Difluoroadenine
acyl	H	CH <sub>3</sub>	S	2-Fluorohypoxanthine
acyl	H	CH <sub>3</sub>	S	8-Fluorohypoxanthine
acyl	H	CH <sub>3</sub>	S	2,8-Difluorohypoxanthine
acyl	H	CH <sub>3</sub>	S	2-Aminoadenine
acyl	H	CH <sub>3</sub>	S	2-Amino-8-fluoroadenine
acyl	H	CH <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
acyl	H	CH <sub>3</sub>	S	2-Aminohypoxanthine
acyl	H	CH <sub>3</sub>	S	2-N-acetylguanine
acyl	H	CH <sub>3</sub>	S	4-N-acetylcytosine
acyl	H	CH <sub>3</sub>	S	6-N-acetyl原因
acyl	H	CH <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
acyl	H	CH <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
acyl	H	CH <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
acyl	H	CH <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
acyl	H	CH <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
acyl	H	CH <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
acyl	H	CH <sub>3</sub>	S	2-N-acetylaminoadenine
acyl	H	CH <sub>3</sub>	S	2-N-acetyl-amino-8-fluoroadenine
acyl	H	CH <sub>3</sub>	S	2-N-acetyl-amino-8-fluorohypoxanthine
acyl	H	CH <sub>3</sub>	S	2-N-acetylaminohypoxanthine
acyl	F	CH <sub>3</sub>	S	Thymine
acyl	F	CH <sub>3</sub>	S	Uracil
acyl	F	CH <sub>3</sub>	S	Guanine
acyl	F	CH <sub>3</sub>	S	Cytosine
acyl	F	CH <sub>3</sub>	S	Adenine
acyl	F	CH <sub>3</sub>	S	Hypoxanthine
acyl	F	CH <sub>3</sub>	S	5-Fluorouracil
acyl	F	CH <sub>3</sub>	S	8-Fluoroguanine
acyl	F	CH <sub>3</sub>	S	5-Fluorocytosine
acyl	F	CH <sub>3</sub>	S	8-Fluoroadenine
acyl	F	CH <sub>3</sub>	S	2-Fluoroadenine
acyl	F	CH <sub>3</sub>	S	2,8-Difluoroadenine
acyl	F	CH <sub>3</sub>	S	2-Fluorohypoxanthine
acyl	F	CH <sub>3</sub>	S	8-Fluorohypoxanthine
acyl	F	CH <sub>3</sub>	S	2,8-Difluorohypoxanthine
acyl	F	CH <sub>3</sub>	S	2-Aminoadenine
acyl	F	CH <sub>3</sub>	S	2-Amino-8-fluoroadenine
acyl	F	CH <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
acyl	F	CH <sub>3</sub>	S	2-Aminohypoxanthine
acyl	F	CH <sub>3</sub>	S	2-N-acetylguanine
acyl	F	CH <sub>3</sub>	S	4-N-acetylcytosine
acyl	F	CH <sub>3</sub>	S	6-N-acetyl原因
acyl	F	CH <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
acyl	F	CH <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
acyl	F	CH <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
acyl	F	CH <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine

<b>R<sup>2</sup></b>	<b>R<sup>7</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
acyl	F	CH <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
acyl	F	CH <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
acyl	F	CH <sub>3</sub>	S	2-N-acetylaminoadenine
acyl	F	CH <sub>3</sub>	S	2-N-acetylamino-8-fluoroadenine
acyl	F	CH <sub>3</sub>	S	2-N-acetylamino-8-fluorohypoxanthine
acyl	F	CH <sub>3</sub>	S	2-N-acetylaminohypoxanthine
amino acid	F	CH <sub>3</sub>	S	Thymine
amino acid	F	CH <sub>3</sub>	S	Uracil
amino acid	F	CH <sub>3</sub>	S	Guanine
amino acid	F	CH <sub>3</sub>	S	Cytosine
amino acid	F	CH <sub>3</sub>	S	Adenine
amino acid	F	CH <sub>3</sub>	S	Hypoxanthine
amino acid	F	CH <sub>3</sub>	S	5-Fluorouracil
amino acid	F	CH <sub>3</sub>	S	8-Fluoroguanine
amino acid	F	CH <sub>3</sub>	S	5-Fluorocytosine
amino acid	F	CH <sub>3</sub>	S	8-Fluoroadenine
amino acid	F	CH <sub>3</sub>	S	2-Fluoroadenine
amino acid	F	CH <sub>3</sub>	S	2,8-Difluoroadenine
amino acid	F	CH <sub>3</sub>	S	2-Fluorohypoxanthine
amino acid	F	CH <sub>3</sub>	S	8-Fluorohypoxanthine
amino acid	F	CH <sub>3</sub>	S	2,8-Difluorohypoxanthine
amino acid	F	CH <sub>3</sub>	S	2-Aminoadenine
amino acid	F	CH <sub>3</sub>	S	2-Amino-8-fluoroadenine
amino acid	F	CH <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
amino acid	F	CH <sub>3</sub>	S	2-Aminohypoxanthine
amino acid	F	CH <sub>3</sub>	S	2-N-acetylguanine
amino acid	F	CH <sub>3</sub>	S	4-N-acetylcytosine
amino acid	F	CH <sub>3</sub>	S	6-N-acetyl原因
amino acid	F	CH <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
amino acid	F	CH <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
amino acid	F	CH <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
amino acid	F	CH <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
amino acid	F	CH <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
amino acid	F	CH <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	F	CH <sub>3</sub>	S	2-N-acetylaminoadenine
amino acid	F	CH <sub>3</sub>	S	2-N-acetylamino-8-fluoroadenine
amino acid	F	CH <sub>3</sub>	S	2-N-acetylamino-8-fluorohypoxanthine
amino acid	F	CH <sub>3</sub>	S	2-N-acetylaminohypoxanthine
amino acid	H	CH <sub>3</sub>	S	Thymine
amino acid	H	CH <sub>3</sub>	S	Uracil
amino acid	H	CH <sub>3</sub>	S	Guanine
amino acid	H	CH <sub>3</sub>	S	Cytosine
amino acid	H	CH <sub>3</sub>	S	Adenine
amino acid	H	CH <sub>3</sub>	S	Hypoxanthine
amino acid	H	CH <sub>3</sub>	S	5-Fluorouracil
amino acid	H	CH <sub>3</sub>	S	8-Fluoroguanine
amino acid	H	CH <sub>3</sub>	S	5-Fluorocytosine

<b>R<sup>2</sup></b>	<b>R<sup>7</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
amino acid	H	CH <sub>3</sub>	S	8-Fluoroadenine
amino acid	H	CH <sub>3</sub>	S	2-Fluoroadenine
amino acid	H	CH <sub>3</sub>	S	2,8-Difluoroadenine
amino acid	H	CH <sub>3</sub>	S	2-Fluorohypoxanthine
amino acid	H	CH <sub>3</sub>	S	8-Fluorohypoxanthine
amino acid	H	CH <sub>3</sub>	S	2,8-Difluorohypoxanthine
amino acid	H	CH <sub>3</sub>	S	2-Aminoadenine
amino acid	H	CH <sub>3</sub>	S	2-Amino-8-fluoroadenine
amino acid	H	CH <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
amino acid	H	CH <sub>3</sub>	S	2-Aminohypoxanthine
amino acid	H	CH <sub>3</sub>	S	2-N-acetylguanine
amino acid	H	CH <sub>3</sub>	S	4-N-acetylcytosine
amino acid	H	CH <sub>3</sub>	S	6-N-acetyl原因
amino acid	H	CH <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
amino acid	H	CH <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
amino acid	H	CH <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
amino acid	H	CH <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
amino acid	H	CH <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
amino acid	H	CH <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	H	CH <sub>3</sub>	S	2-N-acetylaminoadenine
amino acid	H	CH <sub>3</sub>	S	2-N-acetyl-amino-8-fluoroadenine
amino acid	H	CH <sub>3</sub>	S	2-N-acetyl-amino-8-fluorohypoxanthine
amino acid	H	CH <sub>3</sub>	S	2-N-acetylaminohypoxanthine
acyl	H	CF <sub>3</sub>	S	Thymine
acyl	H	CF <sub>3</sub>	S	Uracil
acyl	H	CF <sub>3</sub>	S	Guanine
acyl	H	CF <sub>3</sub>	S	Cytosine
acyl	H	CF <sub>3</sub>	S	Adenine
acyl	H	CF <sub>3</sub>	S	Hypoxanthine
acyl	H	CF <sub>3</sub>	S	5-Fluorouracil
acyl	H	CF <sub>3</sub>	S	8-Fluoroguanine
acyl	H	CF <sub>3</sub>	S	5-Fluorocytosine
acyl	H	CF <sub>3</sub>	S	8-Fluoroadenine
acyl	H	CF <sub>3</sub>	S	2-Fluoroadenine
acyl	H	CF <sub>3</sub>	S	2,8-Difluoroadenine
acyl	H	CF <sub>3</sub>	S	2-Fluorohypoxanthine
acyl	H	CF <sub>3</sub>	S	8-Fluorohypoxanthine
acyl	H	CF <sub>3</sub>	S	2,8-Difluorohypoxanthine
acyl	H	CF <sub>3</sub>	S	2-Aminoadenine
acyl	H	CF <sub>3</sub>	S	2-Amino-8-fluoroadenine
acyl	H	CF <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
acyl	H	CF <sub>3</sub>	S	2-Aminohypoxanthine
acyl	H	CF <sub>3</sub>	S	2-N-acetylguanine
acyl	H	CF <sub>3</sub>	S	4-N-acetylcytosine
acyl	H	CF <sub>3</sub>	S	6-N-acetyl原因
acyl	H	CF <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
acyl	H	CF <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine

<b>R<sup>2</sup></b>	<b>R<sup>7</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
acyl	H	CF <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
acyl	H	CF <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
acyl	H	CF <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
acyl	H	CF <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
acyl	H	CF <sub>3</sub>	S	2-N-acetylaminoadenine
acyl	H	CF <sub>3</sub>	S	2-N-acetylamino-8-fluoroadenine
acyl	H	CF <sub>3</sub>	S	2-N-acetylamino-8-fluorohypoxanthine
acyl	H	CF <sub>3</sub>	S	2-N-acetylaminohypoxanthine
acyl	F	CF <sub>3</sub>	S	Thymine
acyl	F	CF <sub>3</sub>	S	Uracil
acyl	F	CF <sub>3</sub>	S	Guanine
acyl	F	CF <sub>3</sub>	S	Cytosine
acyl	F	CF <sub>3</sub>	S	Adenine
acyl	F	CF <sub>3</sub>	S	Hypoxanthine
acyl	F	CF <sub>3</sub>	S	5-Fluorouracil
acyl	F	CF <sub>3</sub>	S	8-Fluoroguanine
acyl	F	CF <sub>3</sub>	S	5-Fluorocytosine
acyl	F	CF <sub>3</sub>	S	8-Fluoroadenine
acyl	F	CF <sub>3</sub>	S	2-Fluoroadenine
acyl	F	CF <sub>3</sub>	S	2,8-Difluoroadenine
acyl	F	CF <sub>3</sub>	S	2-Fluorohypoxanthine
acyl	F	CF <sub>3</sub>	S	8-Fluorohypoxanthine
acyl	F	CF <sub>3</sub>	S	2,8-Difluorohypoxanthine
acyl	F	CF <sub>3</sub>	S	2-Aminoadenine
acyl	F	CF <sub>3</sub>	S	2-Amino-8-fluoroadenine
acyl	F	CF <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
acyl	F	CF <sub>3</sub>	S	2-Aminohypoxanthine
acyl	F	CF <sub>3</sub>	S	2-N-acetylguanine
acyl	F	CF <sub>3</sub>	S	4-N-acetylcytosine
acyl	F	CF <sub>3</sub>	S	6-N-acetyladenine
acyl	F	CF <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
acyl	F	CF <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
acyl	F	CF <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
acyl	F	CF <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
acyl	F	CF <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
acyl	F	CF <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
acyl	F	CF <sub>3</sub>	S	2-N-acetylaminoadenine
acyl	F	CF <sub>3</sub>	S	2-N-acetylamino-8-fluoroadenine
acyl	F	CF <sub>3</sub>	S	2-N-acetylamino-8-fluorohypoxanthine
acyl	F	CF <sub>3</sub>	S	2-N-acetylaminohypoxanthine
amino acid	H	CF <sub>3</sub>	S	Thymine
amino acid	H	CF <sub>3</sub>	S	Uracil
amino acid	H	CF <sub>3</sub>	S	Guanine
amino acid	H	CF <sub>3</sub>	S	Cytosine
amino acid	H	CF <sub>3</sub>	S	Adenine
amino acid	H	CF <sub>3</sub>	S	Hypoxanthine
amino acid	H	CF <sub>3</sub>	S	5-Fluorouracil

<b>R<sup>2</sup></b>	<b>R<sup>7</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
amino acid	H	CF <sub>3</sub>	S	8-Fluoroguanine
amino acid	H	CF <sub>3</sub>	S	5-Fluorocytosine
amino acid	H	CF <sub>3</sub>	S	8-Fluoroadenine
amino acid	H	CF <sub>3</sub>	S	2-Fluoroadenine
amino acid	H	CF <sub>3</sub>	S	2,8-Difluoroadenine
amino acid	H	CF <sub>3</sub>	S	2-Fluorohypoxanthine
amino acid	H	CF <sub>3</sub>	S	8-Fluorohypoxanthine
amino acid	H	CF <sub>3</sub>	S	2,8-Difluorohypoxanthine
amino acid	H	CF <sub>3</sub>	S	2-Aminoadenine
amino acid	H	CF <sub>3</sub>	S	2-Amino-8-fluoroadenine
amino acid	H	CF <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
amino acid	H	CF <sub>3</sub>	S	2-Aminohypoxanthine
amino acid	H	CF <sub>3</sub>	S	2-N-acetylguanine
amino acid	H	CF <sub>3</sub>	S	4-N-acetylcytosine
amino acid	H	CF <sub>3</sub>	S	6-N-acetyladenine
amino acid	H	CF <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
amino acid	H	CF <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
amino acid	H	CF <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
amino acid	H	CF <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
amino acid	H	CF <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
amino acid	H	CF <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	H	CF <sub>3</sub>	S	2-N-acetylaminoadenine
amino acid	H	CF <sub>3</sub>	S	2-N-acetyl-amino-8-fluoroadenine
amino acid	H	CF <sub>3</sub>	S	2-N-acetyl-amino-8-fluorohypoxanthine
amino acid	H	CF <sub>3</sub>	S	2-N-acetylaminohypoxanthine
amino acid	F	CF <sub>3</sub>	S	Thymine
amino acid	F	CF <sub>3</sub>	S	Uracil
amino acid	F	CF <sub>3</sub>	S	Guanine
amino acid	F	CF <sub>3</sub>	S	Cytosine
amino acid	F	CF <sub>3</sub>	S	Adenine
amino acid	F	CF <sub>3</sub>	S	Hypoxanthine
amino acid	F	CF <sub>3</sub>	S	5-Fluorouracil
amino acid	F	CF <sub>3</sub>	S	8-Fluoroguanine
amino acid	F	CF <sub>3</sub>	S	5-Fluorocytosine
amino acid	F	CF <sub>3</sub>	S	8-Fluoroadenine
amino acid	F	CF <sub>3</sub>	S	2-Fluoroadenine
amino acid	F	CF <sub>3</sub>	S	2,8-Difluoroadenine
amino acid	F	CF <sub>3</sub>	S	2-Fluorohypoxanthine
amino acid	F	CF <sub>3</sub>	S	8-Fluorohypoxanthine
amino acid	F	CF <sub>3</sub>	S	2,8-Difluorohypoxanthine
amino acid	F	CF <sub>3</sub>	S	2-Aminoadenine
amino acid	F	CF <sub>3</sub>	S	2-Amino-8-fluoroadenine
amino acid	F	CF <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
amino acid	F	CF <sub>3</sub>	S	2-Aminohypoxanthine
amino acid	F	CF <sub>3</sub>	S	2-N-acetylguanine
amino acid	F	CF <sub>3</sub>	S	4-N-acetylcytosine
amino acid	F	CF <sub>3</sub>	S	6-N-acetyladenine



<b>R<sup>2</sup></b>	<b>R<sup>7</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
amino acid	F	CF <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
amino acid	F	CF <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
amino acid	F	CF <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
amino acid	F	CF <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
amino acid	F	CF <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
amino acid	F	CF <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	F	CF <sub>3</sub>	S	2-N-acetylaminoadenine
amino acid	F	CF <sub>3</sub>	S	2-N-acetylamino-8-fluoroadenine
amino acid	F	CF <sub>3</sub>	S	2-N-acetylamino-8-fluorohypoxanthine
amino acid	F	CF <sub>3</sub>	S	2-N-acetylaminohypoxanthine
acyl	H	CF <sub>3</sub>	O	Thymine
acyl	H	CF <sub>3</sub>	O	Uracil
acyl	H	CF <sub>3</sub>	O	Guanine
acyl	H	CF <sub>3</sub>	O	Cytosine
acyl	H	CF <sub>3</sub>	O	Adenine
acyl	H	CF <sub>3</sub>	O	Hypoxanthine
acyl	H	CF <sub>3</sub>	O	5-Fluorouracil
acyl	H	CF <sub>3</sub>	O	8-Fluoroguanine
acyl	H	CF <sub>3</sub>	O	5-Fluorocytosine
acyl	H	CF <sub>3</sub>	O	8-Fluoroadenine
acyl	H	CF <sub>3</sub>	O	2-Fluoroadenine
acyl	H	CF <sub>3</sub>	O	2,8-Difluoroadenine
acyl	H	CF <sub>3</sub>	O	2-Fluorohypoxanthine
acyl	H	CF <sub>3</sub>	O	8-Fluorohypoxanthine
acyl	H	CF <sub>3</sub>	O	2,8-Difluorohypoxanthine
acyl	H	CF <sub>3</sub>	O	2-Aminoadenine
acyl	H	CF <sub>3</sub>	O	2-Amino-8-fluoroadenine
acyl	H	CF <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
acyl	H	CF <sub>3</sub>	O	2-Aminohypoxanthine
acyl	H	CF <sub>3</sub>	O	2-N-acetylguanine
acyl	H	CF <sub>3</sub>	O	4-N-acetylcytosine
acyl	H	CF <sub>3</sub>	O	6-N-acetyl原因
acyl	H	CF <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
acyl	H	CF <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
acyl	H	CF <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
acyl	H	CF <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
acyl	H	CF <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
acyl	H	CF <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
acyl	H	CF <sub>3</sub>	O	2-N-acetylaminoadenine
acyl	H	CF <sub>3</sub>	O	2-N-acetylamino-8-fluoroadenine
acyl	H	CF <sub>3</sub>	O	2-N-acetylamino-8-fluorohypoxanthine
acyl	H	CF <sub>3</sub>	O	2-N-acetylaminohypoxanthine
acyl	F	CF <sub>3</sub>	O	Thymine
acyl	F	CF <sub>3</sub>	O	Uracil
acyl	F	CF <sub>3</sub>	O	Guanine
acyl	F	CF <sub>3</sub>	O	Cytosine
acyl	F	CF <sub>3</sub>	O	Adenine

<b>R<sup>2</sup></b>	<b>R<sup>7</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
acyl	F	CF <sub>3</sub>	O	Hypoxanthine
acyl	F	CF <sub>3</sub>	O	5-Fluorouracil
acyl	F	CF <sub>3</sub>	O	8-Fluoroguanine
acyl	F	CF <sub>3</sub>	O	5-Fluorocytosine
acyl	F	CF <sub>3</sub>	O	8-Fluoroadenine
acyl	F	CF <sub>3</sub>	O	2-Fluoroadenine
acyl	F	CF <sub>3</sub>	O	2,8-Difluoroadenine
acyl	F	CF <sub>3</sub>	O	2-Fluorohypoxanthine
acyl	F	CF <sub>3</sub>	O	8-Fluorohypoxanthine
acyl	F	CF <sub>3</sub>	O	2,8-Difluorohypoxanthine
acyl	F	CF <sub>3</sub>	O	2-Aminoadenine
acyl	F	CF <sub>3</sub>	O	2-Amino-8-fluoroadenine
acyl	F	CF <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
acyl	F	CF <sub>3</sub>	O	2-Aminohypoxanthine
acyl	F	CF <sub>3</sub>	O	2-N-acetylguanine
acyl	F	CF <sub>3</sub>	O	4-N-acetylcytosine
acyl	F	CF <sub>3</sub>	O	6-N-acetyladenine
acyl	F	CF <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
acyl	F	CF <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
acyl	F	CF <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
acyl	F	CF <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
acyl	F	CF <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
acyl	F	CF <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
acyl	F	CF <sub>3</sub>	O	2-N-acetylaminoadenine
acyl	F	CF <sub>3</sub>	O	2-N-acetylamino-8-fluoroadenine
acyl	F	CF <sub>3</sub>	O	2-N-acetylamino-8-fluorohypoxanthine
acyl	F	CF <sub>3</sub>	O	2-N-acetylaminohypoxanthine
amino acid	F	CF <sub>3</sub>	O	Thymine
amino acid	F	CF <sub>3</sub>	O	Uracil
amino acid	F	CF <sub>3</sub>	O	Guanine
amino acid	F	CF <sub>3</sub>	O	Cytosine
amino acid	F	CF <sub>3</sub>	O	Adenine
amino acid	F	CF <sub>3</sub>	O	Hypoxanthine
amino acid	F	CF <sub>3</sub>	O	5-Fluorouracil
amino acid	F	CF <sub>3</sub>	O	8-Fluoroguanine
amino acid	F	CF <sub>3</sub>	O	5-Fluorocytosine
amino acid	F	CF <sub>3</sub>	O	8-Fluoroadenine
amino acid	F	CF <sub>3</sub>	O	2-Fluoroadenine
amino acid	F	CF <sub>3</sub>	O	2,8-Difluoroadenine
amino acid	F	CF <sub>3</sub>	O	2-Fluorohypoxanthine
amino acid	F	CF <sub>3</sub>	O	8-Fluorohypoxanthine
amino acid	F	CF <sub>3</sub>	O	2,8-Difluorohypoxanthine
amino acid	F	CF <sub>3</sub>	O	2-Aminoadenine
amino acid	F	CF <sub>3</sub>	O	2-Amino-8-fluoroadenine
amino acid	F	CF <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
amino acid	F	CF <sub>3</sub>	O	2-Aminohypoxanthine
amino acid	F	CF <sub>3</sub>	O	2-N-acetylguanine

<b>R<sup>2</sup></b>	<b>R<sup>7</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
amino acid	F	CF <sub>3</sub>	O	4-N-acetylcytosine
amino acid	F	CF <sub>3</sub>	O	6-N-acetyl原因
amino acid	F	CF <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
amino acid	F	CF <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
amino acid	F	CF <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
amino acid	F	CF <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
amino acid	F	CF <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
amino acid	F	CF <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	F	CF <sub>3</sub>	O	2-N-acetyl原因
amino acid	F	CF <sub>3</sub>	O	2-N-acetyl原因-8-fluoroadenine
amino acid	F	CF <sub>3</sub>	O	2-N-acetyl原因-8-fluorohypoxanthine
amino acid	F	CF <sub>3</sub>	O	2-N-acetyl原因hypoxanthine
amino acid	H	CF <sub>3</sub>	O	Thymine
amino acid	H	CF <sub>3</sub>	O	Uracil
amino acid	H	CF <sub>3</sub>	O	Guanine
amino acid	H	CF <sub>3</sub>	O	Cytosine
amino acid	H	CF <sub>3</sub>	O	Adenine
amino acid	H	CF <sub>3</sub>	O	Hypoxanthine
amino acid	H	CF <sub>3</sub>	O	5-Fluorouracil
amino acid	H	CF <sub>3</sub>	O	8-Fluoroguanine
amino acid	H	CF <sub>3</sub>	O	5-Fluorocytosine
amino acid	H	CF <sub>3</sub>	O	8-Fluoroadenine
amino acid	H	CF <sub>3</sub>	O	2-Fluoroadenine
amino acid	H	CF <sub>3</sub>	O	2,8-Difluoroadenine
amino acid	H	CF <sub>3</sub>	O	2-Fluorohypoxanthine
amino acid	H	CF <sub>3</sub>	O	8-Fluorohypoxanthine
amino acid	H	CF <sub>3</sub>	O	2,8-Difluorohypoxanthine
amino acid	H	CF <sub>3</sub>	O	2-Aminoadenine
amino acid	H	CF <sub>3</sub>	O	2-Amino-8-fluoroadenine
amino acid	H	CF <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
amino acid	H	CF <sub>3</sub>	O	2-Aminohypoxanthine
amino acid	H	CF <sub>3</sub>	O	2-N-acetyl原因
amino acid	H	CF <sub>3</sub>	O	4-N-acetylcytosine
amino acid	H	CF <sub>3</sub>	O	6-N-acetyl原因
amino acid	H	CF <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
amino acid	H	CF <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
amino acid	H	CF <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
amino acid	H	CF <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
amino acid	H	CF <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
amino acid	H	CF <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	H	CF <sub>3</sub>	O	2-N-acetyl原因
amino acid	H	CF <sub>3</sub>	O	2-N-acetyl原因-8-fluoroadenine
amino acid	H	CF <sub>3</sub>	O	2-N-acetyl原因-8-fluorohypoxanthine
amino acid	H	CF <sub>3</sub>	O	2-N-acetyl原因hypoxanthine
acyl	OH	CH <sub>3</sub>	O	Thymine
acyl	OH	CH <sub>3</sub>	O	Uracil
acyl	OH	CH <sub>3</sub>	O	Guanine

<b>R<sup>2</sup></b>	<b>R<sup>7</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
acyl	OH	CH <sub>3</sub>	O	Cytosine
acyl	OH	CH <sub>3</sub>	O	Adenine
acyl	OH	CH <sub>3</sub>	O	Hypoxanthine
acyl	OH	CH <sub>3</sub>	O	5-Fluorouracil
acyl	OH	CH <sub>3</sub>	O	8-Fluoroguanine
acyl	OH	CH <sub>3</sub>	O	5-Fluorocytosine
acyl	OH	CH <sub>3</sub>	O	8-Fluoroadenine
acyl	OH	CH <sub>3</sub>	O	2-Fluoroadenine
acyl	OH	CH <sub>3</sub>	O	2,8-Difluoroadenine
acyl	OH	CH <sub>3</sub>	O	2-Fluorohypoxanthine
acyl	OH	CH <sub>3</sub>	O	8-Fluorohypoxanthine
acyl	OH	CH <sub>3</sub>	O	2,8-Difluorohypoxanthine
acyl	OH	CH <sub>3</sub>	O	2-Aminoadenine
acyl	OH	CH <sub>3</sub>	O	2-Amino-8-fluoroadenine
acyl	OH	CH <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
acyl	OH	CH <sub>3</sub>	O	2-Aminohypoxanthine
acyl	OH	CH <sub>3</sub>	O	2-N-acetylguanine
acyl	OH	CH <sub>3</sub>	O	4-N-acetylcytosine
acyl	OH	CH <sub>3</sub>	O	6-N-acetyladenine
acyl	OH	CH <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
acyl	OH	CH <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
acyl	OH	CH <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
acyl	OH	CH <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
acyl	OH	CH <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
acyl	OH	CH <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
acyl	OH	CH <sub>3</sub>	O	2-N-acetylaminoadenine
acyl	OH	CH <sub>3</sub>	O	2-N-acetylamino-8-fluoroadenine
acyl	OH	CH <sub>3</sub>	O	2-N-acetylamino-8-fluorohypoxanthine
acyl	OH	CH <sub>3</sub>	O	2-N-acetylaminohypoxanthine
acyl	OH	CH <sub>3</sub>	S	Thymine
acyl	OH	CH <sub>3</sub>	S	Uracil
acyl	OH	CH <sub>3</sub>	S	Guanine
acyl	OH	CH <sub>3</sub>	S	Cytosine
acyl	OH	CH <sub>3</sub>	S	Adenine
acyl	OH	CH <sub>3</sub>	S	Hypoxanthine
acyl	OH	CH <sub>3</sub>	S	5-Fluorouracil
acyl	OH	CH <sub>3</sub>	S	8-Fluoroguanine
acyl	OH	CH <sub>3</sub>	S	5-Fluorocytosine
acyl	OH	CH <sub>3</sub>	S	8-Fluoroadenine
acyl	OH	CH <sub>3</sub>	S	2-Fluoroadenine
acyl	OH	CH <sub>3</sub>	S	2,8-Difluoroadenine
acyl	OH	CH <sub>3</sub>	S	2-Fluorohypoxanthine
acyl	OH	CH <sub>3</sub>	S	8-Fluorohypoxanthine
acyl	OH	CH <sub>3</sub>	S	2,8-Difluorohypoxanthine
acyl	OH	CH <sub>3</sub>	S	2-Aminoadenine
acyl	OH	CH <sub>3</sub>	S	2-Amino-8-fluoroadenine
acyl	OH	CH <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine

<b>R<sup>2</sup></b>	<b>R<sup>7</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
acyl	OH	CH <sub>3</sub>	S	2-Aminohypoxanthine
acyl	OH	CH <sub>3</sub>	S	2-N-acetylguanine
acyl	OH	CH <sub>3</sub>	S	4-N-acetylcytosine
acyl	OH	CH <sub>3</sub>	S	6-N-acetyladenine
acyl	OH	CH <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
acyl	OH	CH <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
acyl	OH	CH <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
acyl	OH	CH <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
acyl	OH	CH <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
acyl	OH	CH <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
acyl	OH	CH <sub>3</sub>	S	2-N-acetylaminoadenine
acyl	OH	CH <sub>3</sub>	S	2-N-acetylamino-8-fluoroadenine
acyl	OH	CH <sub>3</sub>	S	2-N-acetylamino-8-fluorohypoxanthine
acyl	OH	CH <sub>3</sub>	S	2-N-acetylaminohypoxanthine
acyl	OH	CF <sub>3</sub>	O	Thymine
acyl	OH	CF <sub>3</sub>	O	Uracil
acyl	OH	CF <sub>3</sub>	O	Guanine
acyl	OH	CF <sub>3</sub>	O	Cytosine
acyl	OH	CF <sub>3</sub>	O	Adenine
acyl	OH	CF <sub>3</sub>	O	Hypoxanthine
acyl	OH	CF <sub>3</sub>	O	5-Fluorouracil
acyl	OH	CF <sub>3</sub>	O	8-Fluoroguanine
acyl	OH	CF <sub>3</sub>	O	5-Fluorocytosine
acyl	OH	CF <sub>3</sub>	O	8-Fluoroadenine
acyl	OH	CF <sub>3</sub>	O	2-Fluoroadenine
acyl	OH	CF <sub>3</sub>	O	2,8-Difluoroadenine
acyl	OH	CF <sub>3</sub>	O	2-Fluorohypoxanthine
acyl	OH	CF <sub>3</sub>	O	8-Fluorohypoxanthine
acyl	OH	CF <sub>3</sub>	O	2,8-Difluorohypoxanthine
acyl	OH	CF <sub>3</sub>	O	2-Aminoadenine
acyl	OH	CF <sub>3</sub>	O	2-Amino-8-fluoroadenine
acyl	OH	CF <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
acyl	OH	CF <sub>3</sub>	O	2-Aminohypoxanthine
acyl	OH	CF <sub>3</sub>	O	2-N-acetylguanine
acyl	OH	CF <sub>3</sub>	O	4-N-acetylcytosine
acyl	OH	CF <sub>3</sub>	O	6-N-acetyladenine
acyl	OH	CF <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
acyl	OH	CF <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
acyl	OH	CF <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
acyl	OH	CF <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
acyl	OH	CF <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
acyl	OH	CF <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
acyl	OH	CF <sub>3</sub>	O	2-N-acetylaminoadenine
acyl	OH	CF <sub>3</sub>	O	2-N-acetylamino-8-fluoroadenine
acyl	OH	CF <sub>3</sub>	O	2-N-acetylamino-8-fluorohypoxanthine
acyl	OH	CF <sub>3</sub>	O	2-N-acetylaminohypoxanthine
acyl	OH	CF <sub>3</sub>	S	Thymine

<b>R<sup>2</sup></b>	<b>R<sup>7</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
acyl	OH	CF <sub>3</sub>	S	Uracil
acyl	OH	CF <sub>3</sub>	S	Guanine
acyl	OH	CF <sub>3</sub>	S	Cytosine
acyl	OH	CF <sub>3</sub>	S	Adenine
acyl	OH	CF <sub>3</sub>	S	Hypoxanthine
acyl	OH	CF <sub>3</sub>	S	5-Fluorouracil
acyl	OH	CF <sub>3</sub>	S	8-Fluoroguanine
acyl	OH	CF <sub>3</sub>	S	5-Fluorocytosine
acyl	OH	CF <sub>3</sub>	S	8-Fluoroadenine
acyl	OH	CF <sub>3</sub>	S	2-Fluoroadenine
acyl	OH	CF <sub>3</sub>	S	2,8-Difluoroadenine
acyl	OH	CF <sub>3</sub>	S	2-Fluorohypoxanthine
acyl	OH	CF <sub>3</sub>	S	8-Fluorohypoxanthine
acyl	OH	CF <sub>3</sub>	S	2,8-Difluorohypoxanthine
acyl	OH	CF <sub>3</sub>	S	2-Aminoadenine
acyl	OH	CF <sub>3</sub>	S	2-Amino-8-fluoroadenine
acyl	OH	CF <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
acyl	OH	CF <sub>3</sub>	S	2-Aminohypoxanthine
acyl	OH	CF <sub>3</sub>	S	2-N-acetylguanine
acyl	OH	CF <sub>3</sub>	S	4-N-acetylcytosine
acyl	OH	CF <sub>3</sub>	S	6-N-acetyladenine
acyl	OH	CF <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
acyl	OH	CF <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
acyl	OH	CF <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
acyl	OH	CF <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
acyl	OH	CF <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
acyl	OH	CF <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
acyl	OH	CF <sub>3</sub>	S	2-N-acetylaminoadenine
acyl	OH	CF <sub>3</sub>	S	2-N-acetyl-amino-8-fluoroadenine
acyl	OH	CF <sub>3</sub>	S	2-N-acetyl-amino-8-fluorohypoxanthine
acyl	OH	CF <sub>3</sub>	S	2-N-acetylaminohypoxanthine
amino acid	OH	CH <sub>3</sub>	O	Thymine
amino acid	OH	CH <sub>3</sub>	O	Uracil
amino acid	OH	CH <sub>3</sub>	O	Guanine
amino acid	OH	CH <sub>3</sub>	O	Cytosine
amino acid	OH	CH <sub>3</sub>	O	Adenine
amino acid	OH	CH <sub>3</sub>	O	Hypoxanthine
amino acid	OH	CH <sub>3</sub>	O	5-Fluorouracil
amino acid	OH	CH <sub>3</sub>	O	8-Fluoroguanine
amino acid	OH	CH <sub>3</sub>	O	5-Fluorocytosine
amino acid	OH	CH <sub>3</sub>	O	8-Fluoroadenine
amino acid	OH	CH <sub>3</sub>	O	2-Fluoroadenine
amino acid	OH	CH <sub>3</sub>	O	2,8-Difluoroadenine
amino acid	OH	CH <sub>3</sub>	O	2-Fluorohypoxanthine
amino acid	OH	CH <sub>3</sub>	O	8-Fluorohypoxanthine
amino acid	OH	CH <sub>3</sub>	O	2,8-Difluorohypoxanthine
amino acid	OH	CH <sub>3</sub>	O	2-Aminoadenine

R <sup>2</sup>	R <sup>7</sup>	R <sup>6</sup>	X	Base
amino acid	OH	CH <sub>3</sub>	O	2-Amino-8-fluoroadenine
amino acid	OH	CH <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
amino acid	OH	CH <sub>3</sub>	O	2-Aminohypoxanthine
amino acid	OH	CH <sub>3</sub>	O	2-N-acetylguanine
amino acid	OH	CH <sub>3</sub>	O	4-N-acetylcytosine
amino acid	OH	CH <sub>3</sub>	O	6-N-acetyladenine
amino acid	OH	CH <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
amino acid	OH	CH <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
amino acid	OH	CH <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
amino acid	OH	CH <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
amino acid	OH	CH <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
amino acid	OH	CH <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	OH	CH <sub>3</sub>	O	2-N-acetylaminoadenine
amino acid	OH	CH <sub>3</sub>	O	2-N-acetylamino-8-fluoroadenine
amino acid	OH	CH <sub>3</sub>	O	2-N-acetylamino-8-fluorohypoxanthine
amino acid	OH	CH <sub>3</sub>	O	2-N-acetylaminohypoxanthine
amino acid	OH	CH <sub>3</sub>	S	Thymine
amino acid	OH	CH <sub>3</sub>	S	Uracil
amino acid	OH	CH <sub>3</sub>	S	Guanine
amino acid	OH	CH <sub>3</sub>	S	Cytosine
amino acid	OH	CH <sub>3</sub>	S	Adenine
amino acid	OH	CH <sub>3</sub>	S	Hypoxanthine
amino acid	OH	CH <sub>3</sub>	S	5-Fluorouracil
amino acid	OH	CH <sub>3</sub>	S	8-Fluoroguanine
amino acid	OH	CH <sub>3</sub>	S	5-Fluorocytosine
amino acid	OH	CH <sub>3</sub>	S	8-Fluoroadenine
amino acid	OH	CH <sub>3</sub>	S	2-Fluoroadenine
amino acid	OH	CH <sub>3</sub>	S	2,8-Difluoroadenine
amino acid	OH	CH <sub>3</sub>	S	2-Fluorohypoxanthine
amino acid	OH	CH <sub>3</sub>	S	8-Fluorohypoxanthine
amino acid	OH	CH <sub>3</sub>	S	2,8-Difluorohypoxanthine
amino acid	OH	CH <sub>3</sub>	S	2-Aminoadenine
amino acid	OH	CH <sub>3</sub>	S	2-Amino-8-fluoroadenine
amino acid	OH	CH <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
amino acid	OH	CH <sub>3</sub>	S	2-Aminohypoxanthine
amino acid	OH	CH <sub>3</sub>	S	2-N-acetylguanine
amino acid	OH	CH <sub>3</sub>	S	4-N-acetylcytosine
amino acid	OH	CH <sub>3</sub>	S	6-N-acetyladenine
amino acid	OH	CH <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
amino acid	OH	CH <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
amino acid	OH	CH <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
amino acid	OH	CH <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
amino acid	OH	CH <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
amino acid	OH	CH <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	OH	CH <sub>3</sub>	S	2-N-acetylaminoadenine
amino acid	OH	CH <sub>3</sub>	S	2-N-acetylamino-8-fluoroadenine
amino acid	OH	CH <sub>3</sub>	S	2-N-acetylamino-8-fluorohypoxanthine

<b>R<sup>2</sup></b>	<b>R<sup>7</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
amino acid	OH	CH <sub>3</sub>	S	2-N-acetylaminohypoxanthine
amino acid	OH	CF <sub>3</sub>	O	Thymine
amino acid	OH	CF <sub>3</sub>	O	Uracil
amino acid	OH	CF <sub>3</sub>	O	Guanine
amino acid	OH	CF <sub>3</sub>	O	Cytosine
amino acid	OH	CF <sub>3</sub>	O	Adenine
amino acid	OH	CF <sub>3</sub>	O	Hypoxanthine
amino acid	OH	CF <sub>3</sub>	O	5-Fluorouracil
amino acid	OH	CF <sub>3</sub>	O	8-Fluoroguanine
amino acid	OH	CF <sub>3</sub>	O	5-Fluorocytosine
amino acid	OH	CF <sub>3</sub>	O	8-Fluoroadenine
amino acid	OH	CF <sub>3</sub>	O	2-Fluoroadenine
amino acid	OH	CF <sub>3</sub>	O	2,8-Difluoroadenine
amino acid	OH	CF <sub>3</sub>	O	2-Fluorohypoxanthine
amino acid	OH	CF <sub>3</sub>	O	8-Fluorohypoxanthine
amino acid	OH	CF <sub>3</sub>	O	2,8-Difluorohypoxanthine
amino acid	OH	CF <sub>3</sub>	O	2-Aminoadenine
amino acid	OH	CF <sub>3</sub>	O	2-Amino-8-fluoroadenine
amino acid	OH	CF <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
amino acid	OH	CF <sub>3</sub>	O	2-Aminohypoxanthine
amino acid	OH	CF <sub>3</sub>	O	2-N-acetylguanine
amino acid	OH	CF <sub>3</sub>	O	4-N-acetylcytosine
amino acid	OH	CF <sub>3</sub>	O	6-N-acetyladenine
amino acid	OH	CF <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
amino acid	OH	CF <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
amino acid	OH	CF <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
amino acid	OH	CF <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
amino acid	OH	CF <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
amino acid	OH	CF <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	OH	CF <sub>3</sub>	O	2-N-acetylaminoadenine
amino acid	OH	CF <sub>3</sub>	O	2-N-acetyl-amino-8-fluoroadenine
amino acid	OH	CF <sub>3</sub>	O	2-N-acetyl-amino-8-fluorohypoxanthine
amino acid	OH	CF <sub>3</sub>	O	2-N-acetylaminohypoxanthine
amino acid	OH	CF <sub>3</sub>	S	Thymine
amino acid	OH	CF <sub>3</sub>	S	Uracil
amino acid	OH	CF <sub>3</sub>	S	Guanine
amino acid	OH	CF <sub>3</sub>	S	Cytosine
amino acid	OH	CF <sub>3</sub>	S	Adenine
amino acid	OH	CF <sub>3</sub>	S	Hypoxanthine
amino acid	OH	CF <sub>3</sub>	S	5-Fluorouracil
amino acid	OH	CF <sub>3</sub>	S	8-Fluoroguanine
amino acid	OH	CF <sub>3</sub>	S	5-Fluorocytosine
amino acid	OH	CF <sub>3</sub>	S	8-Fluoroadenine
amino acid	OH	CF <sub>3</sub>	S	2-Fluoroadenine
amino acid	OH	CF <sub>3</sub>	S	2,8-Difluoroadenine
amino acid	OH	CF <sub>3</sub>	S	2-Fluorohypoxanthine
amino acid	OH	CF <sub>3</sub>	S	8-Fluorohypoxanthine



<b>R<sup>2</sup></b>	<b>R<sup>7</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
amino acid	OH	CF <sub>3</sub>	S	2,8-Difluorohypoxanthine
amino acid	OH	CF <sub>3</sub>	S	2-Aminoadenine
amino acid	OH	CF <sub>3</sub>	S	2-Amino-8-fluoroadenine
amino acid	OH	CF <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
amino acid	OH	CF <sub>3</sub>	S	2-Aminohypoxanthine
amino acid	OH	CF <sub>3</sub>	S	2-N-acetylguanine
amino acid	OH	CF <sub>3</sub>	S	4-N-acetylcytosine
amino acid	OH	CF <sub>3</sub>	S	6-N-acetyladenine
amino acid	OH	CF <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
amino acid	OH	CF <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
amino acid	OH	CF <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
amino acid	OH	CF <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
amino acid	OH	CF <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
amino acid	OH	CF <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	OH	CF <sub>3</sub>	S	2-N-acetylaminoadenine
amino acid	OH	CF <sub>3</sub>	S	2-N-acetyl-amino-8-fluoroadenine
amino acid	OH	CF <sub>3</sub>	S	2-N-acetyl-amino-8-fluorohypoxanthine
amino acid	OH	CF <sub>3</sub>	S	2-N-acetylaminohypoxanthine

Table 11

R <sup>2</sup>	R <sup>6</sup>	X	Base
acyl	CH <sub>3</sub>	O	Thymine
acyl	CH <sub>3</sub>	O	Uracil
acyl	CH <sub>3</sub>	O	Guanine
acyl	CH <sub>3</sub>	O	Cytosine
acyl	CH <sub>3</sub>	O	Adenine
acyl	CH <sub>3</sub>	O	Hypoxanthine
acyl	CH <sub>3</sub>	O	5-Fluorouracil
acyl	CH <sub>3</sub>	O	8-Fluoroguanine
acyl	CH <sub>3</sub>	O	5-Fluorocytosine
acyl	CH <sub>3</sub>	O	8-Fluoroadenine
acyl	CH <sub>3</sub>	O	2-Fluoroadenine
acyl	CH <sub>3</sub>	O	2,8-Difluoroadenine
acyl	CH <sub>3</sub>	O	2-Fluorohypoxanthine
acyl	CH <sub>3</sub>	O	8-Fluorohypoxanthine
acyl	CH <sub>3</sub>	O	2,8-Difluorohypoxanthine
acyl	CH <sub>3</sub>	O	2-Aminoadenine
acyl	CH <sub>3</sub>	O	2-Amino-8-fluoroadenine
acyl	CH <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
acyl	CH <sub>3</sub>	O	2-Aminohypoxanthine
acyl	CH <sub>3</sub>	O	2-N-acetylguanine
acyl	CH <sub>3</sub>	O	4-N-acetylcytosine
acyl	CH <sub>3</sub>	O	6-N-acetyladenine
acyl	CH <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
acyl	CH <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
acyl	CH <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
acyl	CH <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
acyl	CH <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
acyl	CH <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
acyl	CH <sub>3</sub>	O	2-N-acetylaminoadenine
acyl	CH <sub>3</sub>	O	2-N-acetylamino-8-fluoroadenine
acyl	CH <sub>3</sub>	O	2-N-acetylamino-8-fluorohypoxanthine
acyl	CH <sub>3</sub>	O	2-N-acetylaminohypoxanthine
acyl	CH <sub>3</sub>	S	Thymine
acyl	CH <sub>3</sub>	S	Uracil
acyl	CH <sub>3</sub>	S	Guanine
acyl	CH <sub>3</sub>	S	Cytosine
acyl	CH <sub>3</sub>	S	Adenine
acyl	CH <sub>3</sub>	S	Hypoxanthine
acyl	CH <sub>3</sub>	S	5-Fluorouracil
acyl	CH <sub>3</sub>	S	8-Fluoroguanine
acyl	CH <sub>3</sub>	S	5-Fluorocytosine
acyl	CH <sub>3</sub>	S	8-Fluoroadenine
acyl	CH <sub>3</sub>	S	2-Fluoroadenine
acyl	CH <sub>3</sub>	S	2,8-Difluoroadenine
acyl	CH <sub>3</sub>	S	2-Fluorohypoxanthine

<b>R<sup>2</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
acyl	CH <sub>3</sub>	S	8-Fluorohypoxanthine
acyl	CH <sub>3</sub>	S	2,8-Difluorohypoxanthine
acyl	CH <sub>3</sub>	S	2-Aminoadenine
acyl	CH <sub>3</sub>	S	2-Amino-8-fluoroadenine
acyl	CH <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
acyl	CH <sub>3</sub>	S	2-Aminohypoxanthine
acyl	CH <sub>3</sub>	S	2-N-acetylguanine
acyl	CH <sub>3</sub>	S	4-N-acetylcytosine
acyl	CH <sub>3</sub>	S	6-N-acetyladenine
acyl	CH <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
acyl	CH <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
acyl	CH <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
acyl	CH <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
acyl	CH <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
acyl	CH <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
acyl	CH <sub>3</sub>	S	2-N-acetylaminoadenine
acyl	CH <sub>3</sub>	S	2-N-acetylamino-8-fluoroadenine
acyl	CH <sub>3</sub>	S	2-N-acetylamino-8-fluorohypoxanthine
acyl	CH <sub>3</sub>	S	2-N-acetylaminohypoxanthine
acyl	CF <sub>3</sub>	O	Thymine
acyl	CF <sub>3</sub>	O	Uracil
acyl	CF <sub>3</sub>	O	Guanine
acyl	CF <sub>3</sub>	O	Cytosine
acyl	CF <sub>3</sub>	O	Adenine
acyl	CF <sub>3</sub>	O	Hypoxanthine
acyl	CF <sub>3</sub>	O	5-Fluorouracil
acyl	CF <sub>3</sub>	O	8-Fluoroguanine
acyl	CF <sub>3</sub>	O	5-Fluorocytosine
acyl	CF <sub>3</sub>	O	8-Fluoroadenine
acyl	CF <sub>3</sub>	O	2-Fluoroadenine
acyl	CF <sub>3</sub>	O	2,8-Difluoroadenine
acyl	CF <sub>3</sub>	O	2-Fluorohypoxanthine
acyl	CF <sub>3</sub>	O	8-Fluorohypoxanthine
acyl	CF <sub>3</sub>	O	2,8-Difluorohypoxanthine
acyl	CF <sub>3</sub>	O	2-Aminoadenine
acyl	CF <sub>3</sub>	O	2-Amino-8-fluoroadenine
acyl	CF <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
acyl	CF <sub>3</sub>	O	2-Aminohypoxanthine
acyl	CF <sub>3</sub>	O	2-N-acetylguanine
acyl	CF <sub>3</sub>	O	4-N-acetylcytosine
acyl	CF <sub>3</sub>	O	6-N-acetyladenine
acyl	CF <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
acyl	CF <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
acyl	CF <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
acyl	CF <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
acyl	CF <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
acyl	CF <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine

<b>R<sup>2</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
acyl	CF <sub>3</sub>	O	2-N-acetylaminoadenine
acyl	CF <sub>3</sub>	O	2-N-acetylamino-8-fluoroadenine
acyl	CF <sub>3</sub>	O	2-N-acetylamino-8-fluorohypoxanthine
acyl	CF <sub>3</sub>	O	2-N-acetylaminohypoxanthine
acyl	CF <sub>3</sub>	S	Thymine
acyl	CF <sub>3</sub>	S	Uracil
acyl	CF <sub>3</sub>	S	Guanine
acyl	CF <sub>3</sub>	S	Cytosine
acyl	CF <sub>3</sub>	S	Adenine
acyl	CF <sub>3</sub>	S	Hypoxanthine
acyl	CF <sub>3</sub>	S	5-Fluorouracil
acyl	CF <sub>3</sub>	S	8-Fluoroguanine
acyl	CF <sub>3</sub>	S	5-Fluorocytosine
acyl	CF <sub>3</sub>	S	8-Fluoroadenine
acyl	CF <sub>3</sub>	S	2-Fluoroadenine
acyl	CF <sub>3</sub>	S	2,8-Difluoroadenine
acyl	CF <sub>3</sub>	S	2-Fluorohypoxanthine
acyl	CF <sub>3</sub>	S	8-Fluorohypoxanthine
acyl	CF <sub>3</sub>	S	2,8-Difluorohypoxanthine
acyl	CF <sub>3</sub>	S	2-Aminoadenine
acyl	CF <sub>3</sub>	S	2-Amino-8-fluoroadenine
acyl	CF <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
acyl	CF <sub>3</sub>	S	2-Aminohypoxanthine
acyl	CF <sub>3</sub>	S	2-N-acetylguanine
acyl	CF <sub>3</sub>	S	4-N-acetylcytosine
acyl	CF <sub>3</sub>	S	6-N-acetyladenine
acyl	CF <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
acyl	CF <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
acyl	CF <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
acyl	CF <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
acyl	CF <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
acyl	CF <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
acyl	CF <sub>3</sub>	S	2-N-acetylaminoadenine
acyl	CF <sub>3</sub>	S	2-N-acetylamino-8-fluoroadenine
acyl	CF <sub>3</sub>	S	2-N-acetylamino-8-fluorohypoxanthine
acyl	CF <sub>3</sub>	S	2-N-acetylaminohypoxanthine
amino acid	CH <sub>3</sub>	O	Thymine
amino acid	CH <sub>3</sub>	O	Uracil
amino acid	CH <sub>3</sub>	O	Guanine
amino acid	CH <sub>3</sub>	O	Cytosine
amino acid	CH <sub>3</sub>	O	Adenine
amino acid	CH <sub>3</sub>	O	Hypoxanthine
amino acid	CH <sub>3</sub>	O	5-Fluorouracil
amino acid	CH <sub>3</sub>	O	8-Fluoroguanine
amino acid	CH <sub>3</sub>	O	5-Fluorocytosine
amino acid	CH <sub>3</sub>	O	8-Fluoroadenine
amino acid	CH <sub>3</sub>	O	2-Fluoroadenine

<b>R<sup>2</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
amino acid	CH <sub>3</sub>	O	2,8-Difluoroadenine
amino acid	CH <sub>3</sub>	O	2-Fluorohypoxanthine
amino acid	CH <sub>3</sub>	O	8-Fluorohypoxanthine
amino acid	CH <sub>3</sub>	O	2,8-Difluorohypoxanthine
amino acid	CH <sub>3</sub>	O	2-Aminoadenine
amino acid	CH <sub>3</sub>	O	2-Amino-8-fluoroadenine
amino acid	CH <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
amino acid	CH <sub>3</sub>	O	2-Aminohypoxanthine
amino acid	CH <sub>3</sub>	O	2-N-acetylguanine
amino acid	CH <sub>3</sub>	O	4-N-acetylcytosine
amino acid	CH <sub>3</sub>	O	6-N-acetyl原因
amino acid	CH <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
amino acid	CH <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
amino acid	CH <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
amino acid	CH <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
amino acid	CH <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
amino acid	CH <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	CH <sub>3</sub>	O	2-N-acetylaminoadenine
amino acid	CH <sub>3</sub>	O	2-N-acetyl-amino-8-fluoroadenine
amino acid	CH <sub>3</sub>	O	2-N-acetyl-amino-8-fluorohypoxanthine
amino acid	CH <sub>3</sub>	O	2-N-acetylaminohypoxanthine
amino acid	CH <sub>3</sub>	S	Thymine
amino acid	CH <sub>3</sub>	S	Uracil
amino acid	CH <sub>3</sub>	S	Guanine
amino acid	CH <sub>3</sub>	S	Cytosine
amino acid	CH <sub>3</sub>	S	Adenine
amino acid	CH <sub>3</sub>	S	Hypoxanthine
amino acid	CH <sub>3</sub>	S	5-Fluorouracil
amino acid	CH <sub>3</sub>	S	8-Fluoroguanine
amino acid	CH <sub>3</sub>	S	5-Fluorocytosine
amino acid	CH <sub>3</sub>	S	8-Fluoroadenine
amino acid	CH <sub>3</sub>	S	2-Fluoroadenine
amino acid	CH <sub>3</sub>	S	2,8-Difluoroadenine
amino acid	CH <sub>3</sub>	S	2-Fluorohypoxanthine
amino acid	CH <sub>3</sub>	S	8-Fluorohypoxanthine
amino acid	CH <sub>3</sub>	S	2,8-Difluorohypoxanthine
amino acid	CH <sub>3</sub>	S	2-Aminoadenine
amino acid	CH <sub>3</sub>	S	2-Amino-8-fluoroadenine
amino acid	CH <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
amino acid	CH <sub>3</sub>	S	2-Aminohypoxanthine
amino acid	CH <sub>3</sub>	S	2-N-acetylguanine
amino acid	CH <sub>3</sub>	S	4-N-acetylcytosine
amino acid	CH <sub>3</sub>	S	6-N-acetyl原因
amino acid	CH <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
amino acid	CH <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
amino acid	CH <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
amino acid	CH <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine

<b>R<sup>2</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
amino acid	CH <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
amino acid	CH <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	CH <sub>3</sub>	S	2-N-acetylaminoadenine
amino acid	CH <sub>3</sub>	S	2-N-acetylamino-8-fluoroadenine
amino acid	CH <sub>3</sub>	S	2-N-acetylamino-8-fluorohypoxanthine
amino acid	CH <sub>3</sub>	S	2-N-acetylaminohypoxanthine
amino acid	CF <sub>3</sub>	O	Thymine
amino acid	CF <sub>3</sub>	O	Uracil
amino acid	CF <sub>3</sub>	O	Guanine
amino acid	CF <sub>3</sub>	O	Cytosine
amino acid	CF <sub>3</sub>	O	Adenine
amino acid	CF <sub>3</sub>	O	Hypoxanthine
amino acid	CF <sub>3</sub>	O	5-Fluorouracil
amino acid	CF <sub>3</sub>	O	8-Fluoroguanine
amino acid	CF <sub>3</sub>	O	5-Fluorocytosine
amino acid	CF <sub>3</sub>	O	8-Fluoroadenine
amino acid	CF <sub>3</sub>	O	2-Fluoroadenine
amino acid	CF <sub>3</sub>	O	2,8-Difluoroadenine
amino acid	CF <sub>3</sub>	O	2-Fluorohypoxanthine
amino acid	CF <sub>3</sub>	O	8-Fluorohypoxanthine
amino acid	CF <sub>3</sub>	O	2,8-Difluorohypoxanthine
amino acid	CF <sub>3</sub>	O	2-Aminoadenine
amino acid	CF <sub>3</sub>	O	2-Amino-8-fluoroadenine
amino acid	CF <sub>3</sub>	O	2-Amino-8-fluorohypoxanthine
amino acid	CF <sub>3</sub>	O	2-Aminohypoxanthine
amino acid	CF <sub>3</sub>	O	2-N-acetylguanine
amino acid	CF <sub>3</sub>	O	4-N-acetylcytosine
amino acid	CF <sub>3</sub>	O	6-N-acetyladenine
amino acid	CF <sub>3</sub>	O	2-N-acetyl-8-fluoroguanine
amino acid	CF <sub>3</sub>	O	4-N-acetyl-5-fluorocytosine
amino acid	CF <sub>3</sub>	O	6-N-acetyl-2-fluoroadenine
amino acid	CF <sub>3</sub>	O	6-N-acetyl-2,8-difluoroadenine
amino acid	CF <sub>3</sub>	O	6-N-acetyl-2-aminoadenine
amino acid	CF <sub>3</sub>	O	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	CF <sub>3</sub>	O	2-N-acetylaminoadenine
amino acid	CF <sub>3</sub>	O	2-N-acetylamino-8-fluoroadenine
amino acid	CF <sub>3</sub>	O	2-N-acetylamino-8-fluorohypoxanthine
amino acid	CF <sub>3</sub>	O	2-N-acetylaminohypoxanthine
amino acid	CF <sub>3</sub>	S	Thymine
amino acid	CF <sub>3</sub>	S	Uracil
amino acid	CF <sub>3</sub>	S	Guanine
amino acid	CF <sub>3</sub>	S	Cytosine
amino acid	CF <sub>3</sub>	S	Adenine
amino acid	CF <sub>3</sub>	S	Hypoxanthine
amino acid	CF <sub>3</sub>	S	5-Fluorouracil
amino acid	CF <sub>3</sub>	S	8-Fluoroguanine
amino acid	CF <sub>3</sub>	S	5-Fluorocytosine

<b>R<sup>2</sup></b>	<b>R<sup>6</sup></b>	<b>X</b>	<b>Base</b>
amino acid	CF <sub>3</sub>	S	8-Fluoroadenine
amino acid	CF <sub>3</sub>	S	2-Fluoroadenine
amino acid	CF <sub>3</sub>	S	2,8-Difluoroadenine
amino acid	CF <sub>3</sub>	S	2-Fluorohypoxanthine
amino acid	CF <sub>3</sub>	S	8-Fluorohypoxanthine
amino acid	CF <sub>3</sub>	S	2,8-Difluorohypoxanthine
amino acid	CF <sub>3</sub>	S	2-Aminoadenine
amino acid	CF <sub>3</sub>	S	2-Amino-8-fluoroadenine
amino acid	CF <sub>3</sub>	S	2-Amino-8-fluorohypoxanthine
amino acid	CF <sub>3</sub>	S	2-Aminohypoxanthine
amino acid	CF <sub>3</sub>	S	2-N-acetylguanine
amino acid	CF <sub>3</sub>	S	4-N-acetylcytosine
amino acid	CF <sub>3</sub>	S	6-N-acetyladenine
amino acid	CF <sub>3</sub>	S	2-N-acetyl-8-fluoroguanine
amino acid	CF <sub>3</sub>	S	4-N-acetyl-5-fluorocytosine
amino acid	CF <sub>3</sub>	S	6-N-acetyl-2-fluoroadenine
amino acid	CF <sub>3</sub>	S	6-N-acetyl-2,8-difluoroadenine
amino acid	CF <sub>3</sub>	S	6-N-acetyl-2-aminoadenine
amino acid	CF <sub>3</sub>	S	6-N-acetyl-2-amino-8-fluoroadenine
amino acid	CF <sub>3</sub>	S	2-N-acetylaminoadenine
amino acid	CF <sub>3</sub>	S	2-N-acetyl-amino-8-fluoroadenine
amino acid	CF <sub>3</sub>	S	2-N-acetyl-amino-8-fluorohypoxanthine
amino acid	CF <sub>3</sub>	S	2-N-acetylaminohypoxanthine

Table 12

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-acyl	O	Thymine	H	F
CH <sub>3</sub>	O-acyl	O	Uracil	H	F
CH <sub>3</sub>	O-acyl	O	Guanine	H	F
CH <sub>3</sub>	O-acyl	O	Cytosine	H	F
CH <sub>3</sub>	O-acyl	O	Adenine	H	F
CH <sub>3</sub>	O-acyl	O	Hypoxanthine	H	F
CH <sub>3</sub>	O-acyl	O	5-Fluorouracil	H	F
CH <sub>3</sub>	O-acyl	O	8-Fluoroguanine	H	F
CH <sub>3</sub>	O-acyl	O	5-Fluorocytosine	H	F
CH <sub>3</sub>	O-acyl	O	8-Fluoroadenine	H	F
CH <sub>3</sub>	O-acyl	O	2-Fluoroadenine	H	F
CH <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	H	F
CH <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	H	F
CH <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	H	F
CH <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	H	F
CH <sub>3</sub>	O-acyl	O	2-Aminoadenine	H	F
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	H	F
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	H	F
CH <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	H	F
CH <sub>3</sub>	O-acyl	O	2-N-acetylguanine	H	F
CH <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	H	F
CH <sub>3</sub>	O-acyl	O	6-N-acetyladenine	H	F
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	H	F
CH <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	H	F
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	H	F
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	H	F
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	H	F
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	H	F
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	H	F
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	H	F
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	H	F
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	H	F
CH <sub>3</sub>	O-acyl	O	Thymine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	Uracil	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	Guanine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	Cytosine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	Adenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	Hypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	5-Fluorouracil	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	8-Fluoroguanine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	5-Fluorocytosine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	8-Fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	2-Fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	O-amino acid	F



R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	2-Aminoadenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	2-N-acetylguanine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	6-N-acetyladenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-acyl	O	Thymine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	Uracil	O-acyl	F
CH <sub>3</sub>	O-acyl	O	Guanine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	Cytosine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	Adenine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	Hypoxanthine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	5-Fluorouracil	O-acyl	F
CH <sub>3</sub>	O-acyl	O	8-Fluoroguanine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	5-Fluorocytosine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	8-Fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	2-Fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	2-Aminoadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	2-N-acetylguanine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	6-N-acetyladenine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	F

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-acyl	O	Thymine	OH	F
CH <sub>3</sub>	O-acyl	O	Uracil	OH	F
CH <sub>3</sub>	O-acyl	O	Guanine	OH	F
CH <sub>3</sub>	O-acyl	O	Cytosine	OH	F
CH <sub>3</sub>	O-acyl	O	Adenine	OH	F
CH <sub>3</sub>	O-acyl	O	Hypoxanthine	OH	F
CH <sub>3</sub>	O-acyl	O	5-Fluorouracil	OH	F
CH <sub>3</sub>	O-acyl	O	8-Fluoroguanine	OH	F
CH <sub>3</sub>	O-acyl	O	5-Fluorocytosine	OH	F
CH <sub>3</sub>	O-acyl	O	8-Fluoroadenine	OH	F
CH <sub>3</sub>	O-acyl	O	2-Fluoroadenine	OH	F
CH <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	OH	F
CH <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	OH	F
CH <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	OH	F
CH <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	OH	F
CH <sub>3</sub>	O-acyl	O	2-Aminoadenine	OH	F
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	OH	F
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	OH	F
CH <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	OH	F
CH <sub>3</sub>	O-acyl	O	2-N-acetylguanine	OH	F
CH <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	OH	F
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-adenine	OH	F
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	OH	F
CH <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	OH	F
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	OH	F
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	OH	F
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	OH	F
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	OH	F
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	OH	F
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	OH	F
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	OH	F
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	OH	F
CH <sub>3</sub>	O-acyl	O	Thymine	H	Br
CH <sub>3</sub>	O-acyl	O	Uracil	H	Br
CH <sub>3</sub>	O-acyl	O	Guanine	H	Br
CH <sub>3</sub>	O-acyl	O	Cytosine	H	Br
CH <sub>3</sub>	O-acyl	O	Adenine	H	Br
CH <sub>3</sub>	O-acyl	O	Hypoxanthine	H	Br
CH <sub>3</sub>	O-acyl	O	5-Fluorouracil	H	Br

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	O-acyl	O	8-Fluoroguanine	H	Br
CH <sub>3</sub>	O-acyl	O	5-Fluorocytosine	H	Br
CH <sub>3</sub>	O-acyl	O	8-Fluoroadenine	H	Br
CH <sub>3</sub>	O-acyl	O	2-Fluoroadenine	H	Br
CH <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	H	Br
CH <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	H	Br
CH <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	H	Br
CH <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	H	Br
CH <sub>3</sub>	O-acyl	O	2-Aminoadenine	H	Br
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	H	Br
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	H	Br
CH <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	H	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetylguanine	H	Br
CH <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	H	Br
CH <sub>3</sub>	O-acyl	O	6-N-acetyladenine	H	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	H	Br
CH <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	H	Br
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	H	Br
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	H	Br
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	H	Br
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	H	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	H	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	H	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	H	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	H	Br
CH <sub>3</sub>	O-acyl	O	Thymine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	Uracil	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	Guanine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	Cytosine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	Adenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	Hypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	5-Fluorouracil	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	8-Fluoroguanine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	5-Fluorocytosine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	8-Fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	2-Fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	2-Aminoadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetylguanine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	O-amino acid	Br

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	O-acyl	O	6-N-acetyladenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	O	Thymine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	Uracil	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	Guanine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	Cytosine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	Adenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	Hypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	5-Fluorouracil	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	8-Fluoroguanine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	5-Fluorocytosine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	8-Fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	2-Fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	2-Aminoadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetylguanine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	6-N-acetyladenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-acyl	O	Thymine	OH	Br
CH <sub>3</sub>	O-acyl	O	Uracil	OH	Br

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-acyl	O	Guanine	OH	Br
CH <sub>3</sub>	O-acyl	O	Cytosine	OH	Br
CH <sub>3</sub>	O-acyl	O	Adenine	OH	Br
CH <sub>3</sub>	O-acyl	O	Hypoxanthine	OH	Br
CH <sub>3</sub>	O-acyl	O	5-Fluorouracil	OH	Br
CH <sub>3</sub>	O-acyl	O	8-Fluoroguanine	OH	Br
CH <sub>3</sub>	O-acyl	O	5-Fluorocytosine	OH	Br
CH <sub>3</sub>	O-acyl	O	8-Fluoroadenine	OH	Br
CH <sub>3</sub>	O-acyl	O	2-Fluoroadenine	OH	Br
CH <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	OH	Br
CH <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	OH	Br
CH <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	OH	Br
CH <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	OH	Br
CH <sub>3</sub>	O-acyl	O	2-Aminoadenine	OH	Br
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	OH	Br
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	OH	Br
CH <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	OH	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetylguanine	OH	Br
CH <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	OH	Br
CH <sub>3</sub>	O-acyl	O	6-N-acetyladenine	OH	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	OH	Br
CH <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	OH	Br
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	OH	Br
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	OH	Br
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	OH	Br
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	OH	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	OH	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	OH	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	OH	Br
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	OH	Br
CH <sub>3</sub>	O-acyl	O	Thymine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	Uracil	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	Guanine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	Cytosine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	Adenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	Hypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	5-Fluorouracil	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	8-Fluoroguanine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	5-Fluorocytosine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	8-Fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	2-Fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	2-Aminoadenine	O-acyl	Cl

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetylguanine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	6-N-acetyladenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	O	Thymine	OH	Cl
CH <sub>3</sub>	O-acyl	O	Uracil	OH	Cl
CH <sub>3</sub>	O-acyl	O	Guanine	OH	Cl
CH <sub>3</sub>	O-acyl	O	Cytosine	OH	Cl
CH <sub>3</sub>	O-acyl	O	Adenine	OH	Cl
CH <sub>3</sub>	O-acyl	O	Hypoxanthine	OH	Cl
CH <sub>3</sub>	O-acyl	O	5-Fluorouracil	OH	Cl
CH <sub>3</sub>	O-acyl	O	8-Fluoroguanine	OH	Cl
CH <sub>3</sub>	O-acyl	O	5-Fluorocytosine	OH	Cl
CH <sub>3</sub>	O-acyl	O	8-Fluoroadenine	OH	Cl
CH <sub>3</sub>	O-acyl	O	2-Fluoroadenine	OH	Cl
CH <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	OH	Cl
CH <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	OH	Cl
CH <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	OH	Cl
CH <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	OH	Cl
CH <sub>3</sub>	O-acyl	O	2-Aminoadenine	OH	Cl
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	OH	Cl
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	OH	Cl
CH <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	OH	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetylguanine	OH	Cl
CH <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	OH	Cl
CH <sub>3</sub>	O-acyl	O	6-N-acetyladenine	OH	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	OH	Cl
CH <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	OH	Cl
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	OH	Cl
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	OH	Cl
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	OH	Cl
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	OH	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	OH	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	OH	Cl

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	O-acyl	O	2-N-acetylamino-8-fluorohypoxanthine	OH	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	OH	Cl
CH <sub>3</sub>	O-acyl	O	Thymine	H	Cl
CH <sub>3</sub>	O-acyl	O	Uracil	H	Cl
CH <sub>3</sub>	O-acyl	O	Guanine	H	Cl
CH <sub>3</sub>	O-acyl	O	Cytosine	H	Cl
CH <sub>3</sub>	O-acyl	O	Adenine	H	Cl
CH <sub>3</sub>	O-acyl	O	Hypoxanthine	H	Cl
CH <sub>3</sub>	O-acyl	O	5-Fluorouracil	H	Cl
CH <sub>3</sub>	O-acyl	O	8-Fluoroguanine	H	Cl
CH <sub>3</sub>	O-acyl	O	5-Fluorocytosine	H	Cl
CH <sub>3</sub>	O-acyl	O	8-Fluoroadenine	H	Cl
CH <sub>3</sub>	O-acyl	O	2-Fluoroadenine	H	Cl
CH <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	H	Cl
CH <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	H	Cl
CH <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	H	Cl
CH <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	H	Cl
CH <sub>3</sub>	O-acyl	O	2-Aminoadenine	H	Cl
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	H	Cl
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	H	Cl
CH <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	H	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetylguanine	H	Cl
CH <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	H	Cl
CH <sub>3</sub>	O-acyl	O	6-N-acetyladenine	H	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	H	Cl
CH <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	H	Cl
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	H	Cl
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	H	Cl
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	H	Cl
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	H	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	H	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetylamino-8-fluoroadenine	H	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetylamino-8-fluorohypoxanthine	H	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	H	Cl
CH <sub>3</sub>	O-acyl	O	Thymine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	Uracil	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	Guanine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	Cytosine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	Adenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	Hypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	5-Fluorouracil	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	8-Fluoroguanine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	5-Fluorocytosine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	8-Fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	2-Fluoroadenine	O-amino acid	Cl

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	2-Aminoadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetylguanine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	6-N-acetyladenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	O	Thymine	H	H
CH <sub>3</sub>	O-acyl	O	Uracil	H	H
CH <sub>3</sub>	O-acyl	O	Guanine	H	H
CH <sub>3</sub>	O-acyl	O	Cytosine	H	H
CH <sub>3</sub>	O-acyl	O	Adenine	H	H
CH <sub>3</sub>	O-acyl	O	Hypoxanthine	H	H
CH <sub>3</sub>	O-acyl	O	5-Fluorouracil	H	H
CH <sub>3</sub>	O-acyl	O	8-Fluoroguanine	H	H
CH <sub>3</sub>	O-acyl	O	5-Fluorocytosine	H	H
CH <sub>3</sub>	O-acyl	O	8-Fluoroadenine	H	H
CH <sub>3</sub>	O-acyl	O	2-Fluoroadenine	H	H
CH <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	H	H
CH <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	H	H
CH <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	H	H
CH <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	H	H
CH <sub>3</sub>	O-acyl	O	2-Aminoadenine	H	H
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	H	H
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	H	H
CH <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	H	H
CH <sub>3</sub>	O-acyl	O	2-N-acetylguanine	H	H
CH <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	H	H
CH <sub>3</sub>	O-acyl	O	6-N-acetyladenine	H	H
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	H	H
CH <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	H	H
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	H	H



R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	H	H
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	H	H
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	H	H
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	H	H
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	H	H
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	H	H
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	H	H
CH <sub>3</sub>	O-acyl	O	Thymine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	Uracil	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	Guanine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	Cytosine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	Adenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	Hypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	5-Fluorouracil	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	8-Fluoroguanine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	5-Fluorocytosine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	8-Fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	2-Fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	2-Aminoadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	2-N-acetylguanine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	6-N-acetyladenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-acyl	O	Thymine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	Uracil	O-acyl	H
CH <sub>3</sub>	O-acyl	O	Guanine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	Cytosine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	Adenine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	Hypoxanthine	O-acyl	H

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-acyl	O	5-Fluorouracil	O-acyl	H
CH <sub>3</sub>	O-acyl	O	8-Fluoroguanine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	5-Fluorocytosine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	8-Fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	2-Fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	2-Aminoadenine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	2-N-acetylguanine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	6-N-acetyl原因	O-acyl	H
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	2-N-acetyl原因	O-acyl	H
CH <sub>3</sub>	O-acyl	O	2-N-acetyl原因-8-fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	2-N-acetyl原因-8-fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	2-N-acetyl原因hypoxanthine	O-acyl	H
CH <sub>3</sub>	O-acyl	O	Thymine	OH	H
CH <sub>3</sub>	O-acyl	O	Uracil	OH	H
CH <sub>3</sub>	O-acyl	O	Guanine	OH	H
CH <sub>3</sub>	O-acyl	O	Cytosine	OH	H
CH <sub>3</sub>	O-acyl	O	Adenine	OH	H
CH <sub>3</sub>	O-acyl	O	Hypoxanthine	OH	H
CH <sub>3</sub>	O-acyl	O	5-Fluorouracil	OH	H
CH <sub>3</sub>	O-acyl	O	8-Fluoroguanine	OH	H
CH <sub>3</sub>	O-acyl	O	5-Fluorocytosine	OH	H
CH <sub>3</sub>	O-acyl	O	8-Fluoroadenine	OH	H
CH <sub>3</sub>	O-acyl	O	2-Fluoroadenine	OH	H
CH <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	OH	H
CH <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	OH	H
CH <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	OH	H
CH <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	OH	H
CH <sub>3</sub>	O-acyl	O	2-Aminoadenine	OH	H
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	OH	H
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	OH	H
CH <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	OH	H
CH <sub>3</sub>	O-acyl	O	2-N-acetylguanine	OH	H

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	OH	H
CH <sub>3</sub>	O-acyl	O	6-N-acetyladenine	OH	H
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	OH	H
CH <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	OH	H
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	OH	H
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	OH	H
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	OH	H
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	OH	H
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	OH	H
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	OH	H
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	OH	H
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	OH	H
CH <sub>3</sub>	O-acyl	O	Thymine	H	OH
CH <sub>3</sub>	O-acyl	O	Uracil	H	OH
CH <sub>3</sub>	O-acyl	O	Guanine	H	OH
CH <sub>3</sub>	O-acyl	O	Cytosine	H	OH
CH <sub>3</sub>	O-acyl	O	Adenine	H	OH
CH <sub>3</sub>	O-acyl	O	Hypoxanthine	H	OH
CH <sub>3</sub>	O-acyl	O	5-Fluorouracil	H	OH
CH <sub>3</sub>	O-acyl	O	8-Fluoroguanine	H	OH
CH <sub>3</sub>	O-acyl	O	5-Fluorocytosine	H	OH
CH <sub>3</sub>	O-acyl	O	8-Fluoroadenine	H	OH
CH <sub>3</sub>	O-acyl	O	2-Fluoroadenine	H	OH
CH <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	H	OH
CH <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	H	OH
CH <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	H	OH
CH <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	H	OH
CH <sub>3</sub>	O-acyl	O	2-Aminoadenine	H	OH
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	H	OH
CH <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	H	OH
CH <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	H	OH
CH <sub>3</sub>	O-acyl	O	2-N-acetylguanine	H	OH
CH <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	H	OH
CH <sub>3</sub>	O-acyl	O	6-N-acetyladenine	H	OH
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	H	OH
CH <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	H	OH
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	H	OH
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	H	OH
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	H	OH
CH <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	H	OH
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	H	OH
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	H	OH
CH <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	H	OH
CH <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	H	OH
CH <sub>3</sub>	O-amino acid	O	Thymine	H	F

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-amino acid	O	Uracil	H	F
CH <sub>3</sub>	O-amino acid	O	Guanine	H	F
CH <sub>3</sub>	O-amino acid	O	Cytosine	H	F
CH <sub>3</sub>	O-amino acid	O	Adenine	H	F
CH <sub>3</sub>	O-amino acid	O	Hypoxanthine	H	F
CH <sub>3</sub>	O-amino acid	O	5-Fluorouracil	H	F
CH <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	H	F
CH <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	H	F
CH <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	H	F
CH <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	H	F
CH <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	H	F
CH <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	H	F
CH <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	H	F
CH <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	H	F
CH <sub>3</sub>	O-amino acid	O	2-Aminoadenine	H	F
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	H	F
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	H	F
CH <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	H	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	H	F
CH <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	H	F
CH <sub>3</sub>	O-amino acid	O	6-N-acetylguanine	H	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	H	F
CH <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	H	F
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	H	F
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	H	F
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	H	F
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	H	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	H	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	H	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	H	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	H	F
CH <sub>3</sub>	O-amino acid	O	Thymine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	Uracil	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	Guanine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	Cytosine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	Adenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	Hypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	5-Fluorouracil	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	O-amino acid	F

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-amino acid	O	2-Aminoadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	O	Thymine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	Uracil	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	Guanine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	Cytosine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	Adenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	Hypoxanthine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	5-Fluorouracil	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	2-Aminoadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	O-acyl	F

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-amino acid	O	2-N-acetylamino-8-fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetylamino-8-fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-amino acid	O	Thymine	OH	F
CH <sub>3</sub>	O-amino acid	O	Uracil	OH	F
CH <sub>3</sub>	O-amino acid	O	Guanine	OH	F
CH <sub>3</sub>	O-amino acid	O	Cytosine	OH	F
CH <sub>3</sub>	O-amino acid	O	Adenine	OH	F
CH <sub>3</sub>	O-amino acid	O	Hypoxanthine	OH	F
CH <sub>3</sub>	O-amino acid	O	5-Fluorouracil	OH	F
CH <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	OH	F
CH <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	OH	F
CH <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	OH	F
CH <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	OH	F
CH <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	OH	F
CH <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	OH	F
CH <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	OH	F
CH <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	OH	F
CH <sub>3</sub>	O-amino acid	O	2-Aminoadenine	OH	F
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	OH	F
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	OH	F
CH <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	OH	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	OH	F
CH <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	OH	F
CH <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	OH	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	OH	F
CH <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	OH	F
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	OH	F
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	OH	F
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	OH	F
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	OH	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	OH	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetylamino-8-fluoroadenine	OH	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetylamino-8-fluorohypoxanthine	OH	F
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	OH	F
CH <sub>3</sub>	O-amino acid	O	Thymine	H	Br
CH <sub>3</sub>	O-amino acid	O	Uracil	H	Br
CH <sub>3</sub>	O-amino acid	O	Guanine	H	Br
CH <sub>3</sub>	O-amino acid	O	Cytosine	H	Br
CH <sub>3</sub>	O-amino acid	O	Adenine	H	Br
CH <sub>3</sub>	O-amino acid	O	Hypoxanthine	H	Br
CH <sub>3</sub>	O-amino acid	O	5-Fluorouracil	H	Br
CH <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	H	Br
CH <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	H	Br
CH <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	H	Br

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	H	Br
CH <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	H	Br
CH <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	H	Br
CH <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	H	Br
CH <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	H	Br
CH <sub>3</sub>	O-amino acid	O	2-Aminoadenine	H	Br
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	H	Br
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	H	Br
CH <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	H	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	H	Br
CH <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	H	Br
CH <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	H	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	H	Br
CH <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	H	Br
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	H	Br
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	H	Br
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	H	Br
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	H	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	H	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	H	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	H	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	H	Br
CH <sub>3</sub>	O-amino acid	O	Thymine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	Uracil	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	Guanine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	Cytosine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	Adenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	Hypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	5-Fluorouracil	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	2-Aminoadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	O-amino acid	Br

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	O	Thymine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	Uracil	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	Guanine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	Cytosine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	Adenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	Hypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	5-Fluorouracil	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	2-Aminoadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	O	Thymine	OH	Br
CH <sub>3</sub>	O-amino acid	O	Uracil	OH	Br
CH <sub>3</sub>	O-amino acid	O	Guanine	OH	Br
CH <sub>3</sub>	O-amino acid	O	Cytosine	OH	Br
CH <sub>3</sub>	O-amino acid	O	Adenine	OH	Br



<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	O-amino acid	O	Hypoxanthine	OH	Br
CH <sub>3</sub>	O-amino acid	O	5-Fluorouracil	OH	Br
CH <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	OH	Br
CH <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	OH	Br
CH <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	OH	Br
CH <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	OH	Br
CH <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	OH	Br
CH <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	OH	Br
CH <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	OH	Br
CH <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	OH	Br
CH <sub>3</sub>	O-amino acid	O	2-Aminoadenine	OH	Br
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	OH	Br
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	OH	Br
CH <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	OH	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	OH	Br
CH <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	OH	Br
CH <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	OH	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	OH	Br
CH <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	OH	Br
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	OH	Br
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	OH	Br
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	OH	Br
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	OH	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	OH	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	OH	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	OH	Br
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	OH	Br
CH <sub>3</sub>	O-amino acid	O	Thymine	H	Cl
CH <sub>3</sub>	O-amino acid	O	Uracil	H	Cl
CH <sub>3</sub>	O-amino acid	O	Guanine	H	Cl
CH <sub>3</sub>	O-amino acid	O	Cytosine	H	Cl
CH <sub>3</sub>	O-amino acid	O	Adenine	H	Cl
CH <sub>3</sub>	O-amino acid	O	Hypoxanthine	H	Cl
CH <sub>3</sub>	O-amino acid	O	5-Fluorouracil	H	Cl
CH <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	H	Cl
CH <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	H	Cl
CH <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	H	Cl
CH <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	H	Cl
CH <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	H	Cl
CH <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	H	Cl
CH <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	H	Cl
CH <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	H	Cl
CH <sub>3</sub>	O-amino acid	O	2-Aminoadenine	H	Cl
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	H	Cl
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	H	Cl
CH <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	H	Cl

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	H	Cl
CH <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	H	Cl
CH <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	H	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	H	Cl
CH <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	H	Cl
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	H	Cl
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	H	Cl
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	H	Cl
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	H	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	H	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	H	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	H	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	H	Cl
CH <sub>3</sub>	O-amino acid	O	Thymine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	Uracil	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	Guanine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	Cytosine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	Adenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	Hypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	5-Fluorouracil	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	2-Aminoadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	O-amino acid	Cl

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	O-amino acid	O	Thymine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	Uracil	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	Guanine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	Cytosine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	Adenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	Hypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	5-Fluorouracil	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	2-Aminoadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	6-N-acetylguanine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	O	Thymine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	Uracil	OH	Cl
CH <sub>3</sub>	O-amino acid	O	Guanine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	Cytosine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	Adenine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	Hypoxanthine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	5-Fluorouracil	OH	Cl
CH <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	OH	Cl

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	2-Aminoadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	OH	Cl
CH <sub>3</sub>	O-amino acid	O	Thymine	H	H
CH <sub>3</sub>	O-amino acid	O	Uracil	H	H
CH <sub>3</sub>	O-amino acid	O	Guanine	H	H
CH <sub>3</sub>	O-amino acid	O	Cytosine	H	H
CH <sub>3</sub>	O-amino acid	O	Adenine	H	H
CH <sub>3</sub>	O-amino acid	O	Hypoxanthine	H	H
CH <sub>3</sub>	O-amino acid	O	5-Fluorouracil	H	H
CH <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	H	H
CH <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	H	H
CH <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	H	H
CH <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	H	H
CH <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	H	H
CH <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	H	H
CH <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	H	H
CH <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	H	H
CH <sub>3</sub>	O-amino acid	O	2-Aminoadenine	H	H
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	H	H
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	H	H
CH <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	H	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	H	H
CH <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	H	H
CH <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	H	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	H	H
CH <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	H	H
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	H	H
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	H	H
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	H	H
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	H	H

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	H	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	H	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	H	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	H	H
CH <sub>3</sub>	O-amino acid	O	Thymine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	Uracil	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	Guanine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	Cytosine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	Adenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	Hypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	5-Fluorouracil	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	2-Aminoadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-adenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	O	Thymine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	Uracil	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	Guanine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	Cytosine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	Adenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	Hypoxanthine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	5-Fluorouracil	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	O-acyl	H

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	2-Aminoadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-amino acid	O	Thymine	OH	H
CH <sub>3</sub>	O-amino acid	O	Uracil	OH	H
CH <sub>3</sub>	O-amino acid	O	Guanine	OH	H
CH <sub>3</sub>	O-amino acid	O	Cytosine	OH	H
CH <sub>3</sub>	O-amino acid	O	Adenine	OH	H
CH <sub>3</sub>	O-amino acid	O	Hypoxanthine	OH	H
CH <sub>3</sub>	O-amino acid	O	5-Fluorouracil	OH	H
CH <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	OH	H
CH <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	OH	H
CH <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	OH	H
CH <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	OH	H
CH <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	OH	H
CH <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	OH	H
CH <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	OH	H
CH <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	OH	H
CH <sub>3</sub>	O-amino acid	O	2-Aminoadenine	OH	H
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	OH	H
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	OH	H
CH <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	OH	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	OH	H
CH <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	OH	H
CH <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	OH	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	OH	H

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	OH	H
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	OH	H
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	OH	H
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	OH	H
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	OH	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	OH	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	OH	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	OH	H
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	OH	H
CH <sub>3</sub>	O-amino acid	O	Thymine	H	OH
CH <sub>3</sub>	O-amino acid	O	Uracil	H	OH
CH <sub>3</sub>	O-amino acid	O	Guanine	H	OH
CH <sub>3</sub>	O-amino acid	O	Cytosine	H	OH
CH <sub>3</sub>	O-amino acid	O	Adenine	H	OH
CH <sub>3</sub>	O-amino acid	O	Hypoxanthine	H	OH
CH <sub>3</sub>	O-amino acid	O	5-Fluorouracil	H	OH
CH <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	H	OH
CH <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	H	OH
CH <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	H	OH
CH <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	H	OH
CH <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	H	OH
CH <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	H	OH
CH <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	H	OH
CH <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	H	OH
CH <sub>3</sub>	O-amino acid	O	2-Aminoadenine	H	OH
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	H	OH
CH <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	H	OH
CH <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	H	OH
CH <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	H	OH
CH <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	H	OH
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-adenine	H	OH
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	H	OH
CH <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	H	OH
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	H	OH
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	H	OH
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	H	OH
CH <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	H	OH
CH <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	H	OH
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	H	OH
CH <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	H	OH
CH <sub>3</sub>	OH	O	2-N-acetylaminohypoxanthine	H	OH
CH <sub>3</sub>	OH	O	Thymine	O-amino acid	F
CH <sub>3</sub>	OH	O	Uracil	O-amino acid	F
CH <sub>3</sub>	OH	O	Guanine	O-amino acid	F
CH <sub>3</sub>	OH	O	Cytosine	O-amino acid	F

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	OH	O	Adenine	O-amino acid	F
CH <sub>3</sub>	OH	O	Hypoxanthine	O-amino acid	F
CH <sub>3</sub>	OH	O	5-Fluorouracil	O-amino acid	F
CH <sub>3</sub>	OH	O	8-Fluoroguanine	O-amino acid	F
CH <sub>3</sub>	OH	O	5-Fluorocytosine	O-amino acid	F
CH <sub>3</sub>	OH	O	8-Fluoroadenine	O-amino acid	F
CH <sub>3</sub>	OH	O	2-Fluoroadenine	O-amino acid	F
CH <sub>3</sub>	OH	O	2,8-Difluoroadenine	O-amino acid	F
CH <sub>3</sub>	OH	O	2-Fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	OH	O	8-Fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	OH	O	2,8-Difluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	OH	O	2-Aminoadenine	O-amino acid	F
CH <sub>3</sub>	OH	O	2-Amino-8-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	OH	O	2-Amino-8-fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	OH	O	2-Aminohypoxanthine	O-amino acid	F
CH <sub>3</sub>	OH	O	2-N-acetylguanine	O-amino acid	F
CH <sub>3</sub>	OH	O	4-N-acetylcytosine	O-amino acid	F
CH <sub>3</sub>	OH	O	6-N-acetyladenine	O-amino acid	F
CH <sub>3</sub>	OH	O	2-N-acetyl-8-fluoroguanine	O-amino acid	F
CH <sub>3</sub>	OH	O	4-N-acetyl-5-fluorocytosine	O-amino acid	F
CH <sub>3</sub>	OH	O	6-N-acetyl-2-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	OH	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	F
CH <sub>3</sub>	OH	O	6-N-acetyl-2-aminoadenine	O-amino acid	F
CH <sub>3</sub>	OH	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	OH	O	2-N-acetylaminoadenine	O-amino acid	F
CH <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	OH	O	2-N-acetylaminohypoxanthine	O-amino acid	F
CH <sub>3</sub>	OH	O	Thymine	O-acyl	F
CH <sub>3</sub>	OH	O	Uracil	O-acyl	F
CH <sub>3</sub>	OH	O	Guanine	O-acyl	F
CH <sub>3</sub>	OH	O	Cytosine	O-acyl	F
CH <sub>3</sub>	OH	O	Adenine	O-acyl	F
CH <sub>3</sub>	OH	O	Hypoxanthine	O-acyl	F
CH <sub>3</sub>	OH	O	5-Fluorouracil	O-acyl	F
CH <sub>3</sub>	OH	O	8-Fluoroguanine	O-acyl	F
CH <sub>3</sub>	OH	O	5-Fluorocytosine	O-acyl	F
CH <sub>3</sub>	OH	O	8-Fluoroadenine	O-acyl	F
CH <sub>3</sub>	OH	O	2-Fluoroadenine	O-acyl	F
CH <sub>3</sub>	OH	O	2,8-Difluoroadenine	O-acyl	F
CH <sub>3</sub>	OH	O	2-Fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	OH	O	8-Fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	OH	O	2,8-Difluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	OH	O	2-Aminoadenine	O-acyl	F
CH <sub>3</sub>	OH	O	2-Amino-8-fluoroadenine	O-acyl	F
CH <sub>3</sub>	OH	O	2-Amino-8-fluorohypoxanthine	O-acyl	F



R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	OH	O	2-Aminohypoxanthine	O-acyl	F
CH <sub>3</sub>	OH	O	2-N-acetylguanine	O-acyl	F
CH <sub>3</sub>	OH	O	4-N-acetylcytosine	O-acyl	F
CH <sub>3</sub>	OH	O	6-N-acetyladenine	O-acyl	F
CH <sub>3</sub>	OH	O	2-N-acetyl-8-fluoroguanine	O-acyl	F
CH <sub>3</sub>	OH	O	4-N-acetyl-5-fluorocytosine	O-acyl	F
CH <sub>3</sub>	OH	O	6-N-acetyl-2-fluoroadenine	O-acyl	F
CH <sub>3</sub>	OH	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	F
CH <sub>3</sub>	OH	O	6-N-acetyl-2-aminoadenine	O-acyl	F
CH <sub>3</sub>	OH	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	F
CH <sub>3</sub>	OH	O	2-N-acetylaminoadenine	O-acyl	F
CH <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	F
CH <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	OH	O	2-N-acetylaminohypoxanthine	O-acyl	F
CH <sub>3</sub>	OH	O	Thymine	O-amino acid	Br
CH <sub>3</sub>	OH	O	Uracil	O-amino acid	Br
CH <sub>3</sub>	OH	O	Guanine	O-amino acid	Br
CH <sub>3</sub>	OH	O	Cytosine	O-amino acid	Br
CH <sub>3</sub>	OH	O	Adenine	O-amino acid	Br
CH <sub>3</sub>	OH	O	Hypoxanthine	O-amino acid	Br
CH <sub>3</sub>	OH	O	5-Fluorouracil	O-amino acid	Br
CH <sub>3</sub>	OH	O	8-Fluoroguanine	O-amino acid	Br
CH <sub>3</sub>	OH	O	5-Fluorocytosine	O-amino acid	Br
CH <sub>3</sub>	OH	O	8-Fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	OH	O	2-Fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	OH	O	2,8-Difluoroadenine	O-amino acid	Br
CH <sub>3</sub>	OH	O	2-Fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	OH	O	8-Fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	OH	O	2,8-Difluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	OH	O	2-Aminoadenine	O-amino acid	Br
CH <sub>3</sub>	OH	O	2-Amino-8-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	OH	O	2-Amino-8-fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	OH	O	2-Aminohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	OH	O	2-N-acetylguanine	O-amino acid	Br
CH <sub>3</sub>	OH	O	4-N-acetylcytosine	O-amino acid	Br
CH <sub>3</sub>	OH	O	6-N-acetyladenine	O-amino acid	Br
CH <sub>3</sub>	OH	O	2-N-acetyl-8-fluoroguanine	O-amino acid	Br
CH <sub>3</sub>	OH	O	4-N-acetyl-5-fluorocytosine	O-amino acid	Br
CH <sub>3</sub>	OH	O	6-N-acetyl-2-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	OH	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Br
CH <sub>3</sub>	OH	O	6-N-acetyl-2-aminoadenine	O-amino acid	Br
CH <sub>3</sub>	OH	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	OH	O	2-N-acetylaminoadenine	O-amino acid	Br
CH <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	Br

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	OH	O	2-N-acetylaminohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	OH	O	Thymine	O-acyl	Br
CH <sub>3</sub>	OH	O	Uracil	O-acyl	Br
CH <sub>3</sub>	OH	O	Guanine	O-acyl	Br
CH <sub>3</sub>	OH	O	Cytosine	O-acyl	Br
CH <sub>3</sub>	OH	O	Adenine	O-acyl	Br
CH <sub>3</sub>	OH	O	Hypoxanthine	O-acyl	Br
CH <sub>3</sub>	OH	O	5-Fluorouracil	O-acyl	Br
CH <sub>3</sub>	OH	O	8-Fluoroguanine	O-acyl	Br
CH <sub>3</sub>	OH	O	5-Fluorocytosine	O-acyl	Br
CH <sub>3</sub>	OH	O	8-Fluoroadenine	O-acyl	Br
CH <sub>3</sub>	OH	O	2-Fluoroadenine	O-acyl	Br
CH <sub>3</sub>	OH	O	2,8-Difluoroadenine	O-acyl	Br
CH <sub>3</sub>	OH	O	2-Fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	OH	O	8-Fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	OH	O	2,8-Difluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	OH	O	2-Aminoadenine	O-acyl	Br
CH <sub>3</sub>	OH	O	2-Amino-8-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	OH	O	2-Amino-8-fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	OH	O	2-Aminohypoxanthine	O-acyl	Br
CH <sub>3</sub>	OH	O	2-N-acetylguanine	O-acyl	Br
CH <sub>3</sub>	OH	O	4-N-acetylcytosine	O-acyl	Br
CH <sub>3</sub>	OH	O	6-N-acetyladenine	O-acyl	Br
CH <sub>3</sub>	OH	O	2-N-acetyl-8-fluoroguanine	O-acyl	Br
CH <sub>3</sub>	OH	O	4-N-acetyl-5-fluorocytosine	O-acyl	Br
CH <sub>3</sub>	OH	O	6-N-acetyl-2-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	OH	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	Br
CH <sub>3</sub>	OH	O	6-N-acetyl-2-aminoadenine	O-acyl	Br
CH <sub>3</sub>	OH	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	OH	O	2-N-acetylaminoadenine	O-acyl	Br
CH <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	OH	O	2-N-acetylaminohypoxanthine	O-acyl	Br
CH <sub>3</sub>	OH	O	Thymine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	Uracil	O-amino acid	Cl
CH <sub>3</sub>	OH	O	Guanine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	Cytosine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	Adenine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	Hypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	5-Fluorouracil	O-amino acid	Cl
CH <sub>3</sub>	OH	O	8-Fluoroguanine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	5-Fluorocytosine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	8-Fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	2-Fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	2,8-Difluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	2-Fluorohypoxanthine	O-amino acid	Cl

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	OH	O	8-Fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	2,8-Difluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	2-Aminoadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	2-Amino-8-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	2-Amino-8-fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	2-Aminohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	2-N-acetylguanine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	4-N-acetylcytosine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	6-N-acetyladenine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	2-N-acetyl-8-fluoroguanine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	4-N-acetyl-5-fluorocytosine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	6-N-acetyl-2-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	6-N-acetyl-2-aminoadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	2-N-acetylaminoadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	2-N-acetylaminohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	OH	O	Thymine	O-acyl	Cl
CH <sub>3</sub>	OH	O	Uracil	O-acyl	Cl
CH <sub>3</sub>	OH	O	Guanine	O-acyl	Cl
CH <sub>3</sub>	OH	O	Cytosine	O-acyl	Cl
CH <sub>3</sub>	OH	O	Adenine	O-acyl	Cl
CH <sub>3</sub>	OH	O	Hypoxanthine	O-acyl	Cl
CH <sub>3</sub>	OH	O	5-Fluorouracil	O-acyl	Cl
CH <sub>3</sub>	OH	O	8-Fluoroguanine	O-acyl	Cl
CH <sub>3</sub>	OH	O	5-Fluorocytosine	O-acyl	Cl
CH <sub>3</sub>	OH	O	8-Fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	OH	O	2-Fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	OH	O	2,8-Difluoroadenine	O-acyl	Cl
CH <sub>3</sub>	OH	O	2-Fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	OH	O	8-Fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	OH	O	2,8-Difluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	OH	O	2-Aminoadenine	O-acyl	Cl
CH <sub>3</sub>	OH	O	2-Amino-8-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	OH	O	2-Amino-8-fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	OH	O	2-Aminohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	OH	O	2-N-acetylguanine	O-acyl	Cl
CH <sub>3</sub>	OH	O	4-N-acetylcytosine	O-acyl	Cl
CH <sub>3</sub>	OH	O	6-N-acetyladenine	O-acyl	Cl
CH <sub>3</sub>	OH	O	2-N-acetyl-8-fluoroguanine	O-acyl	Cl
CH <sub>3</sub>	OH	O	4-N-acetyl-5-fluorocytosine	O-acyl	Cl
CH <sub>3</sub>	OH	O	6-N-acetyl-2-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	OH	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	Cl
CH <sub>3</sub>	OH	O	6-N-acetyl-2-aminoadenine	O-acyl	Cl

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	OH	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	OH	O	2-N-acetylaminoadenine	O-acyl	Cl
CH <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	OH	O	2-N-acetylaminohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	OH	O	Thymine	O-amino acid	H
CH <sub>3</sub>	OH	O	Uracil	O-amino acid	H
CH <sub>3</sub>	OH	O	Guanine	O-amino acid	H
CH <sub>3</sub>	OH	O	Cytosine	O-amino acid	H
CH <sub>3</sub>	OH	O	Adenine	O-amino acid	H
CH <sub>3</sub>	OH	O	Hypoxanthine	O-amino acid	H
CH <sub>3</sub>	OH	O	5-Fluorouracil	O-amino acid	H
CH <sub>3</sub>	OH	O	8-Fluoroguanine	O-amino acid	H
CH <sub>3</sub>	OH	O	5-Fluorocytosine	O-amino acid	H
CH <sub>3</sub>	OH	O	8-Fluoroadenine	O-amino acid	H
CH <sub>3</sub>	OH	O	2-Fluoroadenine	O-amino acid	H
CH <sub>3</sub>	OH	O	2,8-Difluoroadenine	O-amino acid	H
CH <sub>3</sub>	OH	O	2-Fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	OH	O	8-Fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	OH	O	2,8-Difluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	OH	O	2-Aminoadenine	O-amino acid	H
CH <sub>3</sub>	OH	O	2-Amino-8-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	OH	O	2-Amino-8-fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	OH	O	2-Aminohypoxanthine	O-amino acid	H
CH <sub>3</sub>	OH	O	2-N-acetylguanine	O-amino acid	H
CH <sub>3</sub>	OH	O	4-N-acetylcytosine	O-amino acid	H
CH <sub>3</sub>	OH	O	6-N-acetyl-adenine	O-amino acid	H
CH <sub>3</sub>	OH	O	2-N-acetyl-8-fluoroguanine	O-amino acid	H
CH <sub>3</sub>	OH	O	4-N-acetyl-5-fluorocytosine	O-amino acid	H
CH <sub>3</sub>	OH	O	6-N-acetyl-2-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	OH	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	H
CH <sub>3</sub>	OH	O	6-N-acetyl-2-aminoadenine	O-amino acid	H
CH <sub>3</sub>	OH	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	OH	O	2-N-acetylaminoadenine	O-amino acid	H
CH <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	OH	O	2-N-acetylaminohypoxanthine	O-amino acid	H
CH <sub>3</sub>	OH	O	Thymine	O-acyl	H
CH <sub>3</sub>	OH	O	Uracil	O-acyl	H
CH <sub>3</sub>	OH	O	Guanine	O-acyl	H
CH <sub>3</sub>	OH	O	Cytosine	O-acyl	H
CH <sub>3</sub>	OH	O	Adenine	O-acyl	H
CH <sub>3</sub>	OH	O	Hypoxanthine	O-acyl	H
CH <sub>3</sub>	OH	O	5-Fluorouracil	O-acyl	H
CH <sub>3</sub>	OH	O	8-Fluoroguanine	O-acyl	H

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	OH	O	5-Fluorocytosine	O-acyl	H
CH <sub>3</sub>	OH	O	8-Fluoroadenine	O-acyl	H
CH <sub>3</sub>	OH	O	2-Fluoroadenine	O-acyl	H
CH <sub>3</sub>	OH	O	2,8-Difluoroadenine	O-acyl	H
CH <sub>3</sub>	OH	O	2-Fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	OH	O	8-Fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	OH	O	2,8-Difluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	OH	O	2-Aminoadenine	O-acyl	H
CH <sub>3</sub>	OH	O	2-Amino-8-fluoroadenine	O-acyl	H
CH <sub>3</sub>	OH	O	2-Amino-8-fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	OH	O	2-Aminohypoxanthine	O-acyl	H
CH <sub>3</sub>	OH	O	2-N-acetylguanine	O-acyl	H
CH <sub>3</sub>	OH	O	4-N-acetylcytosine	O-acyl	H
CH <sub>3</sub>	OH	O	6-N-acetyladenine	O-acyl	H
CH <sub>3</sub>	OH	O	2-N-acetyl-8-fluoroguanine	O-acyl	H
CH <sub>3</sub>	OH	O	4-N-acetyl-5-fluorocytosine	O-acyl	H
CH <sub>3</sub>	OH	O	6-N-acetyl-2-fluoroadenine	O-acyl	H
CH <sub>3</sub>	OH	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	H
CH <sub>3</sub>	OH	O	6-N-acetyl-2-aminoadenine	O-acyl	H
CH <sub>3</sub>	OH	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	H
CH <sub>3</sub>	OH	O	2-N-acetylaminoadenine	O-acyl	H
CH <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	H
CH <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-acyl	H
CH <sub>3</sub>	H	O	Thymine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Uracil	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Guanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Cytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Adenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Hypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	5-Fluorouracil	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	8-Fluoroguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	5-Fluorocytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	8-Fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2,8-Difluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	8-Fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2,8-Difluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Aminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Aminohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetylguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	4-N-acetylcytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyladenine	O-amino acid	O-amino acid

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	H	O	2-N-acetyl-8-fluoroguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	4-N-acetyl-5-fluorocytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-2-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-2-aminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetylaminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Thymine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Uracil	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Guanine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Cytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Adenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Hypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	5-Fluorouracil	O-acyl	O-acyl
CH <sub>3</sub>	H	O	8-Fluoroguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	5-Fluorocytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	8-Fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2,8-Difluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	8-Fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2,8-Difluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Aminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Amino-8-fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Aminohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetylguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	4-N-acetylcytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyl-adenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetyl-8-fluoroguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	4-N-acetyl-5-fluorocytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyl-2-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyl-2-aminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetylaminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Thymine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Uracil	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Guanine	O-amino acid	O-amino acid

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	H	O	Cytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Adenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Hypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	5-Fluorouracil	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	8-Fluoroguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	5-Fluorocytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	8-Fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2,8-Difluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	8-Fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2,8-Difluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Aminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Aminohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetylguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	4-N-acetylcytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyladenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetyl-8-fluoroguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	4-N-acetyl-5-fluorocytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-2-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-2-aminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetylaminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Thymine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Uracil	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Guanine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Cytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Adenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Hypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	5-Fluorouracil	O-acyl	O-acyl
CH <sub>3</sub>	H	O	8-Fluoroguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	5-Fluorocytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	8-Fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2,8-Difluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	8-Fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2,8-Difluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Aminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Amino-8-fluoroadenine	O-acyl	O-acyl

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	H	O	2-Amino-8-fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Aminohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetylguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	4-N-acetylcytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyladenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetyl-8-fluoroguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	4-N-acetyl-5-fluorocytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyl-2-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyl-2-aminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetylaminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Thymine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Uracil	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Guanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Cytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Adenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Hypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	5-Fluorouracil	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	8-Fluoroguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	5-Fluorocytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	8-Fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2,8-Difluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	8-Fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2,8-Difluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Aminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Aminohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetylguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	4-N-acetylcytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyladenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetyl-8-fluoroguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	4-N-acetyl-5-fluorocytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-2-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-2-aminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetylaminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetyl-amino-8-	O-amino acid	O-amino acid



<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
			fluorohypoxanthine		
CH <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Thymine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Uracil	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Guanine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Cytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Adenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Hypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	5-Fluorouracil	O-acyl	O-acyl
CH <sub>3</sub>	H	O	8-Fluoroguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	5-Fluorocytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	8-Fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2,8-Difluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	8-Fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2,8-Difluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Aminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Amino-8-fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Aminohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetylguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	4-N-acetylcytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyladenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetyl-8-fluoroguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	4-N-acetyl-5-fluorocytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyl-2-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyl-2-aminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetylaminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Thymine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Uracil	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Guanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Cytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Adenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Hypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	5-Fluorouracil	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	8-Fluoroguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	5-Fluorocytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	8-Fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2,8-Difluoroadenine	O-amino acid	O-amino acid

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	H	O	2-Fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	8-Fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2,8-Difluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Aminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Aminohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetylguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	4-N-acetylcytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyladenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetyl-8-fluoroguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	4-N-acetyl-5-fluorocytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-2-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-2-aminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetylaminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Thymine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Uracil	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Guanine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Cytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Adenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Hypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	5-Fluorouracil	O-acyl	O-acyl
CH <sub>3</sub>	H	O	8-Fluoroguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	5-Fluorocytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	8-Fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2,8-Difluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	8-Fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2,8-Difluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Aminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Amino-8-fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Aminohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetylguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	4-N-acetylcytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyladenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetyl-8-fluoroguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	4-N-acetyl-5-fluorocytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyl-2-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	O-acyl

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	H	O	6-N-acetyl-2-aminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetylaminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Thymine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Uracil	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Guanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Cytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Adenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Hypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	5-Fluorouracil	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	8-Fluoroguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	5-Fluorocytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	8-Fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2,8-Difluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	8-Fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2,8-Difluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Aminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-Aminohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetylguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	4-N-acetylcytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-adenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetyl-8-fluoroguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	4-N-acetyl-5-fluorocytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-2-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-2-aminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetylaminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	O	Thymine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Uracil	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Guanine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Cytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Adenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	Hypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	5-Fluorouracil	O-acyl	O-acyl

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	H	O	8-Fluoroguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	5-Fluorocytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	8-Fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2,8-Difluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	8-Fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2,8-Difluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Aminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Amino-8-fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-Aminohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetylguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	4-N-acetylcytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyladenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetyl-8-fluoroguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	4-N-acetyl-5-fluorocytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyl-2-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyl-2-aminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetylaminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	O-acyl	O	Thymine	H	F
CF <sub>3</sub>	O-acyl	O	Uracil	H	F
CF <sub>3</sub>	O-acyl	O	Guanine	H	F
CF <sub>3</sub>	O-acyl	O	Cytosine	H	F
CF <sub>3</sub>	O-acyl	O	Adenine	H	F
CF <sub>3</sub>	O-acyl	O	Hypoxanthine	H	F
CF <sub>3</sub>	O-acyl	O	5-Fluorouracil	H	F
CF <sub>3</sub>	O-acyl	O	8-Fluoroguanine	H	F
CF <sub>3</sub>	O-acyl	O	5-Fluorocytosine	H	F
CF <sub>3</sub>	O-acyl	O	8-Fluoroadenine	H	F
CF <sub>3</sub>	O-acyl	O	2-Fluoroadenine	H	F
CF <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	H	F
CF <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	H	F
CF <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	H	F
CF <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	H	F
CF <sub>3</sub>	O-acyl	O	2-Aminoadenine	H	F
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	H	F
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	H	F
CF <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	H	F
CF <sub>3</sub>	O-acyl	O	2-N-acetylguanine	H	F
CF <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	H	F

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-acyl	O	6-N-acetyladenine	H	F
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	H	F
CF <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	H	F
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	H	F
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	H	F
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	H	F
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	H	F
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	H	F
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	H	F
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	H	F
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	H	F
CF <sub>3</sub>	O-acyl	O	Thymine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	Uracil	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	Guanine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	Cytosine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	Adenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	Hypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	5-Fluorouracil	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	8-Fluoroguanine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	5-Fluorocytosine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	8-Fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	2-Fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	2-Aminoadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	2-N-acetylguanine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	6-N-acetyladenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-acyl	O	Thymine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	Uracil	O-acyl	F

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-acyl	O	Guanine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	Cytosine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	Adenine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	Hypoxanthine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	5-Fluorouracil	O-acyl	F
CF <sub>3</sub>	O-acyl	O	8-Fluoroguanine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	5-Fluorocytosine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	8-Fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	2-Fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	2-Aminoadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	2-N-acetylguanine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	6-N-acetyladenine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-acyl	O	Thymine	OH	F
CF <sub>3</sub>	O-acyl	O	Uracil	OH	F
CF <sub>3</sub>	O-acyl	O	Guanine	OH	F
CF <sub>3</sub>	O-acyl	O	Cytosine	OH	F
CF <sub>3</sub>	O-acyl	O	Adenine	OH	F
CF <sub>3</sub>	O-acyl	O	Hypoxanthine	OH	F
CF <sub>3</sub>	O-acyl	O	5-Fluorouracil	OH	F
CF <sub>3</sub>	O-acyl	O	8-Fluoroguanine	OH	F
CF <sub>3</sub>	O-acyl	O	5-Fluorocytosine	OH	F
CF <sub>3</sub>	O-acyl	O	8-Fluoroadenine	OH	F
CF <sub>3</sub>	O-acyl	O	2-Fluoroadenine	OH	F
CF <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	OH	F
CF <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	OH	F
CF <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	OH	F
CF <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	OH	F
CF <sub>3</sub>	O-acyl	O	2-Aminoadenine	OH	F

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	OH	F
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	OH	F
CF <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	OH	F
CF <sub>3</sub>	O-acyl	O	2-N-acetylguanine	OH	F
CF <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	OH	F
CF <sub>3</sub>	O-acyl	O	6-N-acetyladenine	OH	F
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	OH	F
CF <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	OH	F
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	OH	F
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	OH	F
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	OH	F
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	OH	F
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	OH	F
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	OH	F
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	OH	F
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	OH	F
CF <sub>3</sub>	O-acyl	O	Thymine	H	Br
CF <sub>3</sub>	O-acyl	O	Uracil	H	Br
CF <sub>3</sub>	O-acyl	O	Guanine	H	Br
CF <sub>3</sub>	O-acyl	O	Cytosine	H	Br
CF <sub>3</sub>	O-acyl	O	Adenine	H	Br
CF <sub>3</sub>	O-acyl	O	Hypoxanthine	H	Br
CF <sub>3</sub>	O-acyl	O	5-Fluorouracil	H	Br
CF <sub>3</sub>	O-acyl	O	8-Fluoroguanine	H	Br
CF <sub>3</sub>	O-acyl	O	5-Fluorocytosine	H	Br
CF <sub>3</sub>	O-acyl	O	8-Fluoroadenine	H	Br
CF <sub>3</sub>	O-acyl	O	2-Fluoroadenine	H	Br
CF <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	H	Br
CF <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	H	Br
CF <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	H	Br
CF <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	H	Br
CF <sub>3</sub>	O-acyl	O	2-Aminoadenine	H	Br
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	H	Br
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	H	Br
CF <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	H	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetylguanine	H	Br
CF <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	H	Br
CF <sub>3</sub>	O-acyl	O	6-N-acetyladenine	H	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	H	Br
CF <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	H	Br
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	H	Br
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	H	Br
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	H	Br
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	H	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	H	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	H	Br

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-acyl	O	2-N-acetylamino-8-fluorohypoxanthine	H	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	H	Br
CF <sub>3</sub>	O-acyl	O	Thymine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	Uracil	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	Guanine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	Cytosine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	Adenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	Hypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	5-Fluorouracil	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	8-Fluoroguanine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	5-Fluorocytosine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	8-Fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	2-Fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	2-Aminoadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetylguanine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	6-N-acetyladenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetylamino-8-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetylamino-8-fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	O	Thymine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	Uracil	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	Guanine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	Cytosine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	Adenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	Hypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	5-Fluorouracil	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	8-Fluoroguanine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	5-Fluorocytosine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	8-Fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	2-Fluoroadenine	O-acyl	Br



R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	2-Aminoadenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetylguanine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	6-N-acetyladenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-acyl	O	Thymine	OH	Br
CF <sub>3</sub>	O-acyl	O	Uracil	OH	Br
CF <sub>3</sub>	O-acyl	O	Guanine	OH	Br
CF <sub>3</sub>	O-acyl	O	Cytosine	OH	Br
CF <sub>3</sub>	O-acyl	O	Adenine	OH	Br
CF <sub>3</sub>	O-acyl	O	Hypoxanthine	OH	Br
CF <sub>3</sub>	O-acyl	O	5-Fluorouracil	OH	Br
CF <sub>3</sub>	O-acyl	O	8-Fluoroguanine	OH	Br
CF <sub>3</sub>	O-acyl	O	5-Fluorocytosine	OH	Br
CF <sub>3</sub>	O-acyl	O	8-Fluoroadenine	OH	Br
CF <sub>3</sub>	O-acyl	O	2-Fluoroadenine	OH	Br
CF <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	OH	Br
CF <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	OH	Br
CF <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	OH	Br
CF <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	OH	Br
CF <sub>3</sub>	O-acyl	O	2-Aminoadenine	OH	Br
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	OH	Br
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	OH	Br
CF <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	OH	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetylguanine	OH	Br
CF <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	OH	Br
CF <sub>3</sub>	O-acyl	O	6-N-acetyladenine	OH	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	OH	Br
CF <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	OH	Br
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	OH	Br

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	OH	Br
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	OH	Br
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	OH	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	OH	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	OH	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	OH	Br
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	OH	Br
CF <sub>3</sub>	O-acyl	O	Thymine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	Uracil	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	Guanine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	Cytosine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	Adenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	Hypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	5-Fluorouracil	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	8-Fluoroguanine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	5-Fluorocytosine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	8-Fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	2-Fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	2-Aminoadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetylguanine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	6-N-acetyladenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	O	Thymine	OH	Cl
CF <sub>3</sub>	O-acyl	O	Uracil	OH	Cl
CF <sub>3</sub>	O-acyl	O	Guanine	OH	Cl
CF <sub>3</sub>	O-acyl	O	Cytosine	OH	Cl
CF <sub>3</sub>	O-acyl	O	Adenine	OH	Cl
CF <sub>3</sub>	O-acyl	O	Hypoxanthine	OH	Cl

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-acyl	O	5-Fluorouracil	OH	Cl
CF <sub>3</sub>	O-acyl	O	8-Fluoroguanine	OH	Cl
CF <sub>3</sub>	O-acyl	O	5-Fluorocytosine	OH	Cl
CF <sub>3</sub>	O-acyl	O	8-Fluoroadenine	OH	Cl
CF <sub>3</sub>	O-acyl	O	2-Fluoroadenine	OH	Cl
CF <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	OH	Cl
CF <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	OH	Cl
CF <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	OH	Cl
CF <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	OH	Cl
CF <sub>3</sub>	O-acyl	O	2-Aminoadenine	OH	Cl
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	OH	Cl
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	OH	Cl
CF <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	OH	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetylguanine	OH	Cl
CF <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	OH	Cl
CF <sub>3</sub>	O-acyl	O	6-N-acetyladenine	OH	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	OH	Cl
CF <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	OH	Cl
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	OH	Cl
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	OH	Cl
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	OH	Cl
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	OH	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	OH	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	OH	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	OH	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	OH	Cl
CF <sub>3</sub>	O-acyl	O	Thymine	H	Cl
CF <sub>3</sub>	O-acyl	O	Uracil	H	Cl
CF <sub>3</sub>	O-acyl	O	Guanine	H	Cl
CF <sub>3</sub>	O-acyl	O	Cytosine	H	Cl
CF <sub>3</sub>	O-acyl	O	Adenine	H	Cl
CF <sub>3</sub>	O-acyl	O	Hypoxanthine	H	Cl
CF <sub>3</sub>	O-acyl	O	5-Fluorouracil	H	Cl
CF <sub>3</sub>	O-acyl	O	8-Fluoroguanine	H	Cl
CF <sub>3</sub>	O-acyl	O	5-Fluorocytosine	H	Cl
CF <sub>3</sub>	O-acyl	O	8-Fluoroadenine	H	Cl
CF <sub>3</sub>	O-acyl	O	2-Fluoroadenine	H	Cl
CF <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	H	Cl
CF <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	H	Cl
CF <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	H	Cl
CF <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	H	Cl
CF <sub>3</sub>	O-acyl	O	2-Aminoadenine	H	Cl
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	H	Cl
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	H	Cl
CF <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	H	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetylguanine	H	Cl

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	H	Cl
CF <sub>3</sub>	O-acyl	O	6-N-acetyladenine	H	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	H	Cl
CF <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	H	Cl
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	H	Cl
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	H	Cl
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	H	Cl
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	H	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	H	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetylamino-8-fluoroadenine	H	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetylamino-8-fluorohypoxanthine	H	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	H	Cl
CF <sub>3</sub>	O-acyl	O	Thymine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	Uracil	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	Guanine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	Cytosine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	Adenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	Hypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	5-Fluorouracil	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	8-Fluoroguanine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	5-Fluorocytosine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	8-Fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	2-Fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	2-Aminoadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetylguanine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	6-N-acetyladenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetylamino-8-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetylamino-8-fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	O	Thymine	H	H

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-acyl	O	Uracil	H	H
CF <sub>3</sub>	O-acyl	O	Guanine	H	H
CF <sub>3</sub>	O-acyl	O	Cytosine	H	H
CF <sub>3</sub>	O-acyl	O	Adenine	H	H
CF <sub>3</sub>	O-acyl	O	Hypoxanthine	H	H
CF <sub>3</sub>	O-acyl	O	5-Fluorouracil	H	H
CF <sub>3</sub>	O-acyl	O	8-Fluoroguanine	H	H
CF <sub>3</sub>	O-acyl	O	5-Fluorocytosine	H	H
CF <sub>3</sub>	O-acyl	O	8-Fluoroadenine	H	H
CF <sub>3</sub>	O-acyl	O	2-Fluoroadenine	H	H
CF <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	H	H
CF <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	H	H
CF <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	H	H
CF <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	H	H
CF <sub>3</sub>	O-acyl	O	2-Aminoadenine	H	H
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	H	H
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	H	H
CF <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	H	H
CF <sub>3</sub>	O-acyl	O	2-N-acetylguanine	H	H
CF <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	H	H
CF <sub>3</sub>	O-acyl	O	6-N-acetylguanine	H	H
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	H	H
CF <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	H	H
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	H	H
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	H	H
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	H	H
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	H	H
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	H	H
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	H	H
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	H	H
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	H	H
CF <sub>3</sub>	O-acyl	O	Thymine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	Uracil	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	Guanine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	Cytosine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	Adenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	Hypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	5-Fluorouracil	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	8-Fluoroguanine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	5-Fluorocytosine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	8-Fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	2-Fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	O-amino acid	H

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	O-acyl	O	2-Aminoadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	2-N-acetylguanine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	6-N-acetyladenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-acyl	O	Thymine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	Uracil	O-acyl	H
CF <sub>3</sub>	O-acyl	O	Guanine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	Cytosine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	Adenine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	Hypoxanthine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	5-Fluorouracil	O-acyl	H
CF <sub>3</sub>	O-acyl	O	8-Fluoroguanine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	5-Fluorocytosine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	8-Fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	2-Fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	2-Aminoadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	2-N-acetylguanine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	6-N-acetyladenine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	O-acyl	H

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	O-acyl	O	2-N-acetylamino-8-fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	2-N-acetylamino-8-fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-acyl	O	Thymine	OH	H
CF <sub>3</sub>	O-acyl	O	Uracil	OH	H
CF <sub>3</sub>	O-acyl	O	Guanine	OH	H
CF <sub>3</sub>	O-acyl	O	Cytosine	OH	H
CF <sub>3</sub>	O-acyl	O	Adenine	OH	H
CF <sub>3</sub>	O-acyl	O	Hypoxanthine	OH	H
CF <sub>3</sub>	O-acyl	O	5-Fluorouracil	OH	H
CF <sub>3</sub>	O-acyl	O	8-Fluoroguanine	OH	H
CF <sub>3</sub>	O-acyl	O	5-Fluorocytosine	OH	H
CF <sub>3</sub>	O-acyl	O	8-Fluoroadenine	OH	H
CF <sub>3</sub>	O-acyl	O	2-Fluoroadenine	OH	H
CF <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	OH	H
CF <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	OH	H
CF <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	OH	H
CF <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	OH	H
CF <sub>3</sub>	O-acyl	O	2-Aminoadenine	OH	H
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	OH	H
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	OH	H
CF <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	OH	H
CF <sub>3</sub>	O-acyl	O	2-N-acetylguanine	OH	H
CF <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	OH	H
CF <sub>3</sub>	O-acyl	O	6-N-acetyladenine	OH	H
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	OH	H
CF <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	OH	H
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	OH	H
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	OH	H
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	OH	H
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	OH	H
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	OH	H
CF <sub>3</sub>	O-acyl	O	2-N-acetylamino-8-fluoroadenine	OH	H
CF <sub>3</sub>	O-acyl	O	2-N-acetylamino-8-fluorohypoxanthine	OH	H
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	OH	H
CF <sub>3</sub>	O-acyl	O	Thymine	H	OH
CF <sub>3</sub>	O-acyl	O	Uracil	H	OH
CF <sub>3</sub>	O-acyl	O	Guanine	H	OH
CF <sub>3</sub>	O-acyl	O	Cytosine	H	OH
CF <sub>3</sub>	O-acyl	O	Adenine	H	OH
CF <sub>3</sub>	O-acyl	O	Hypoxanthine	H	OH
CF <sub>3</sub>	O-acyl	O	5-Fluorouracil	H	OH
CF <sub>3</sub>	O-acyl	O	8-Fluoroguanine	H	OH
CF <sub>3</sub>	O-acyl	O	5-Fluorocytosine	H	OH
CF <sub>3</sub>	O-acyl	O	8-Fluoroadenine	H	OH

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-acyl	O	2-Fluoroadenine	H	OH
CF <sub>3</sub>	O-acyl	O	2,8-Difluoroadenine	H	OH
CF <sub>3</sub>	O-acyl	O	2-Fluorohypoxanthine	H	OH
CF <sub>3</sub>	O-acyl	O	8-Fluorohypoxanthine	H	OH
CF <sub>3</sub>	O-acyl	O	2,8-Difluorohypoxanthine	H	OH
CF <sub>3</sub>	O-acyl	O	2-Aminoadenine	H	OH
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluoroadenine	H	OH
CF <sub>3</sub>	O-acyl	O	2-Amino-8-fluorohypoxanthine	H	OH
CF <sub>3</sub>	O-acyl	O	2-Aminohypoxanthine	H	OH
CF <sub>3</sub>	O-acyl	O	2-N-acetylguanine	H	OH
CF <sub>3</sub>	O-acyl	O	4-N-acetylcytosine	H	OH
CF <sub>3</sub>	O-acyl	O	6-N-acetyladenine	H	OH
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-8-fluoroguanine	H	OH
CF <sub>3</sub>	O-acyl	O	4-N-acetyl-5-fluorocytosine	H	OH
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-fluoroadenine	H	OH
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2,8-difluoroadenine	H	OH
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-aminoadenine	H	OH
CF <sub>3</sub>	O-acyl	O	6-N-acetyl-2-amino-8-fluoroadenine	H	OH
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminoadenine	H	OH
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluoroadenine	H	OH
CF <sub>3</sub>	O-acyl	O	2-N-acetyl-amino-8-fluorohypoxanthine	H	OH
CF <sub>3</sub>	O-acyl	O	2-N-acetylaminohypoxanthine	H	OH
CF <sub>3</sub>	O-amino acid	O	Thymine	H	F
CF <sub>3</sub>	O-amino acid	O	Uracil	H	F
CF <sub>3</sub>	O-amino acid	O	Guanine	H	F
CF <sub>3</sub>	O-amino acid	O	Cytosine	H	F
CF <sub>3</sub>	O-amino acid	O	Adenine	H	F
CF <sub>3</sub>	O-amino acid	O	Hypoxanthine	H	F
CF <sub>3</sub>	O-amino acid	O	5-Fluorouracil	H	F
CF <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	H	F
CF <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	H	F
CF <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	H	F
CF <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	H	F
CF <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	H	F
CF <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	H	F
CF <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	H	F
CF <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	H	F
CF <sub>3</sub>	O-amino acid	O	2-Aminoadenine	H	F
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	H	F
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	H	F
CF <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	H	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	H	F
CF <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	H	F
CF <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	H	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	H	F
CF <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	H	F



R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	H	F
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	H	F
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	H	F
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	H	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	H	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	H	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	H	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	H	F
CF <sub>3</sub>	O-amino acid	O	Thymine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	Uracil	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	Guanine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	Cytosine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	Adenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	Hypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	5-Fluorouracil	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	2-Aminoadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-adenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	O	Thymine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	Uracil	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	Guanine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	Cytosine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	Adenine	O-acyl	F

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	O-amino acid	O	Hypoxanthine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	5-Fluorouracil	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	2-Aminoadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-amino acid	O	Thymine	OH	F
CF <sub>3</sub>	O-amino acid	O	Uracil	OH	F
CF <sub>3</sub>	O-amino acid	O	Guanine	OH	F
CF <sub>3</sub>	O-amino acid	O	Cytosine	OH	F
CF <sub>3</sub>	O-amino acid	O	Adenine	OH	F
CF <sub>3</sub>	O-amino acid	O	Hypoxanthine	OH	F
CF <sub>3</sub>	O-amino acid	O	5-Fluorouracil	OH	F
CF <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	OH	F
CF <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	OH	F
CF <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	OH	F
CF <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	OH	F
CF <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	OH	F
CF <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	OH	F
CF <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	OH	F
CF <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	OH	F
CF <sub>3</sub>	O-amino acid	O	2-Aminoadenine	OH	F
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	OH	F
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	OH	F
CF <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	OH	F

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	OH	F
CF <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	OH	F
CF <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	OH	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	OH	F
CF <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	OH	F
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	OH	F
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	OH	F
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	OH	F
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	OH	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	OH	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	OH	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	OH	F
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	OH	F
CF <sub>3</sub>	O-amino acid	O	Thymine	H	Br
CF <sub>3</sub>	O-amino acid	O	Uracil	H	Br
CF <sub>3</sub>	O-amino acid	O	Guanine	H	Br
CF <sub>3</sub>	O-amino acid	O	Cytosine	H	Br
CF <sub>3</sub>	O-amino acid	O	Adenine	H	Br
CF <sub>3</sub>	O-amino acid	O	Hypoxanthine	H	Br
CF <sub>3</sub>	O-amino acid	O	5-Fluorouracil	H	Br
CF <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	H	Br
CF <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	H	Br
CF <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	H	Br
CF <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	H	Br
CF <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	H	Br
CF <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	H	Br
CF <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	H	Br
CF <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	H	Br
CF <sub>3</sub>	O-amino acid	O	2-Aminoadenine	H	Br
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	H	Br
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	H	Br
CF <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	H	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	H	Br
CF <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	H	Br
CF <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	H	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	H	Br
CF <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	H	Br
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	H	Br
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	H	Br
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	H	Br
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	H	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	H	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	H	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	H	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	H	Br

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-amino acid	O	Thymine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	Uracil	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	Guanine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	Cytosine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	Adenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	Hypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	5-Fluorouracil	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	2-Aminoadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	O	Thymine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	Uracil	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	Guanine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	Cytosine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	Adenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	Hypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	5-Fluorouracil	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	O-acyl	Br

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	2-Aminoadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl原因	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	O	Thymine	OH	Br
CF <sub>3</sub>	O-amino acid	O	Uracil	OH	Br
CF <sub>3</sub>	O-amino acid	O	Guanine	OH	Br
CF <sub>3</sub>	O-amino acid	O	Cytosine	OH	Br
CF <sub>3</sub>	O-amino acid	O	Adenine	OH	Br
CF <sub>3</sub>	O-amino acid	O	Hypoxanthine	OH	Br
CF <sub>3</sub>	O-amino acid	O	5-Fluorouracil	OH	Br
CF <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	OH	Br
CF <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	OH	Br
CF <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	OH	Br
CF <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	OH	Br
CF <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	OH	Br
CF <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	OH	Br
CF <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	OH	Br
CF <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	OH	Br
CF <sub>3</sub>	O-amino acid	O	2-Aminoadenine	OH	Br
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	OH	Br
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	OH	Br
CF <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	OH	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	OH	Br
CF <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	OH	Br
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl原因	OH	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	OH	Br
CF <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	OH	Br
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	OH	Br
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	OH	Br
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	OH	Br
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	OH	Br

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	OH	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	OH	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	OH	Br
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	OH	Br
CF <sub>3</sub>	O-amino acid	O	Thymine	H	Cl
CF <sub>3</sub>	O-amino acid	O	Uracil	H	Cl
CF <sub>3</sub>	O-amino acid	O	Guanine	H	Cl
CF <sub>3</sub>	O-amino acid	O	Cytosine	H	Cl
CF <sub>3</sub>	O-amino acid	O	Adenine	H	Cl
CF <sub>3</sub>	O-amino acid	O	Hypoxanthine	H	Cl
CF <sub>3</sub>	O-amino acid	O	5-Fluorouracil	H	Cl
CF <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	H	Cl
CF <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	H	Cl
CF <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	H	Cl
CF <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	H	Cl
CF <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	H	Cl
CF <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	H	Cl
CF <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	H	Cl
CF <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	H	Cl
CF <sub>3</sub>	O-amino acid	O	2-Aminoadenine	H	Cl
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	H	Cl
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	H	Cl
CF <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	H	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	H	Cl
CF <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	H	Cl
CF <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	H	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	H	Cl
CF <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	H	Cl
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	H	Cl
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	H	Cl
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	H	Cl
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	H	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	H	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	H	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	H	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	H	Cl
CF <sub>3</sub>	O-amino acid	O	Thymine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	Uracil	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	Guanine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	Cytosine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	Adenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	Hypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	5-Fluorouracil	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	O-amino acid	Cl

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	2-Aminoadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	O	Thymine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	Uracil	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	Guanine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	Cytosine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	Adenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	Hypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	5-Fluorouracil	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	2-Aminoadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	O-acyl	Cl

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	O	Thymine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	Uracil	OH	Cl
CF <sub>3</sub>	O-amino acid	O	Guanine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	Cytosine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	Adenine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	Hypoxanthine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	5-Fluorouracil	OH	Cl
CF <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	2-Aminoadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-adenine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	OH	Cl
CF <sub>3</sub>	O-amino acid	O	Thymine	H	H
CF <sub>3</sub>	O-amino acid	O	Uracil	H	H
CF <sub>3</sub>	O-amino acid	O	Guanine	H	H
CF <sub>3</sub>	O-amino acid	O	Cytosine	H	H



<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-amino acid	O	Adenine	H	H
CF <sub>3</sub>	O-amino acid	O	Hypoxanthine	H	H
CF <sub>3</sub>	O-amino acid	O	5-Fluorouracil	H	H
CF <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	H	H
CF <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	H	H
CF <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	H	H
CF <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	H	H
CF <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	H	H
CF <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	H	H
CF <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	H	H
CF <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	H	H
CF <sub>3</sub>	O-amino acid	O	2-Aminoadenine	H	H
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	H	H
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	H	H
CF <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	H	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	H	H
CF <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	H	H
CF <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	H	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	H	H
CF <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	H	H
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	H	H
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	H	H
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	H	H
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	H	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	H	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	H	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	H	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	H	H
CF <sub>3</sub>	O-amino acid	O	Thymine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	Uracil	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	Guanine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	Cytosine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	Adenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	Hypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	5-Fluorouracil	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	2-Aminoadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	O-amino acid	H

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	O	Thymine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	Uracil	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	Guanine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	Cytosine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	Adenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	Hypoxanthine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	5-Fluorouracil	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	2-Aminoadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	H

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-amino acid	O	Thymine	OH	H
CF <sub>3</sub>	O-amino acid	O	Uracil	OH	H
CF <sub>3</sub>	O-amino acid	O	Guanine	OH	H
CF <sub>3</sub>	O-amino acid	O	Cytosine	OH	H
CF <sub>3</sub>	O-amino acid	O	Adenine	OH	H
CF <sub>3</sub>	O-amino acid	O	Hypoxanthine	OH	H
CF <sub>3</sub>	O-amino acid	O	5-Fluorouracil	OH	H
CF <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	OH	H
CF <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	OH	H
CF <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	OH	H
CF <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	OH	H
CF <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	OH	H
CF <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	OH	H
CF <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	OH	H
CF <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	OH	H
CF <sub>3</sub>	O-amino acid	O	2-Aminoadenine	OH	H
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	OH	H
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	OH	H
CF <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	OH	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	OH	H
CF <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	OH	H
CF <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	OH	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	OH	H
CF <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	OH	H
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	OH	H
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	OH	H
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	OH	H
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	OH	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	OH	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	OH	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	OH	H
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminohypoxanthine	OH	H
CF <sub>3</sub>	O-amino acid	O	Thymine	H	OH
CF <sub>3</sub>	O-amino acid	O	Uracil	H	OH
CF <sub>3</sub>	O-amino acid	O	Guanine	H	OH
CF <sub>3</sub>	O-amino acid	O	Cytosine	H	OH
CF <sub>3</sub>	O-amino acid	O	Adenine	H	OH
CF <sub>3</sub>	O-amino acid	O	Hypoxanthine	H	OH
CF <sub>3</sub>	O-amino acid	O	5-Fluorouracil	H	OH
CF <sub>3</sub>	O-amino acid	O	8-Fluoroguanine	H	OH
CF <sub>3</sub>	O-amino acid	O	5-Fluorocytosine	H	OH
CF <sub>3</sub>	O-amino acid	O	8-Fluoroadenine	H	OH
CF <sub>3</sub>	O-amino acid	O	2-Fluoroadenine	H	OH
CF <sub>3</sub>	O-amino acid	O	2,8-Difluoroadenine	H	OH
CF <sub>3</sub>	O-amino acid	O	2-Fluorohypoxanthine	H	OH

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-amino acid	O	8-Fluorohypoxanthine	H	OH
CF <sub>3</sub>	O-amino acid	O	2,8-Difluorohypoxanthine	H	OH
CF <sub>3</sub>	O-amino acid	O	2-Aminoadenine	H	OH
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluoroadenine	H	OH
CF <sub>3</sub>	O-amino acid	O	2-Amino-8-fluorohypoxanthine	H	OH
CF <sub>3</sub>	O-amino acid	O	2-Aminohypoxanthine	H	OH
CF <sub>3</sub>	O-amino acid	O	2-N-acetylguanine	H	OH
CF <sub>3</sub>	O-amino acid	O	4-N-acetylcytosine	H	OH
CF <sub>3</sub>	O-amino acid	O	6-N-acetyladenine	H	OH
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-8-fluoroguanine	H	OH
CF <sub>3</sub>	O-amino acid	O	4-N-acetyl-5-fluorocytosine	H	OH
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-fluoroadenine	H	OH
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2,8-difluoroadenine	H	OH
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-aminoadenine	H	OH
CF <sub>3</sub>	O-amino acid	O	6-N-acetyl-2-amino-8-fluoroadenine	H	OH
CF <sub>3</sub>	O-amino acid	O	2-N-acetylaminoadenine	H	OH
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluoroadenine	H	OH
CF <sub>3</sub>	O-amino acid	O	2-N-acetyl-amino-8-fluorohypoxanthine	H	OH
CF <sub>3</sub>	OH	O	2-N-acetylaminohypoxanthine	H	OH
CF <sub>3</sub>	OH	O	Thymine	O-amino acid	F
CF <sub>3</sub>	OH	O	Uracil	O-amino acid	F
CF <sub>3</sub>	OH	O	Guanine	O-amino acid	F
CF <sub>3</sub>	OH	O	Cytosine	O-amino acid	F
CF <sub>3</sub>	OH	O	Adenine	O-amino acid	F
CF <sub>3</sub>	OH	O	Hypoxanthine	O-amino acid	F
CF <sub>3</sub>	OH	O	5-Fluorouracil	O-amino acid	F
CF <sub>3</sub>	OH	O	8-Fluoroguanine	O-amino acid	F
CF <sub>3</sub>	OH	O	5-Fluorocytosine	O-amino acid	F
CF <sub>3</sub>	OH	O	8-Fluoroadenine	O-amino acid	F
CF <sub>3</sub>	OH	O	2-Fluoroadenine	O-amino acid	F
CF <sub>3</sub>	OH	O	2,8-Difluoroadenine	O-amino acid	F
CF <sub>3</sub>	OH	O	2-Fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	OH	O	8-Fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	OH	O	2,8-Difluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	OH	O	2-Aminoadenine	O-amino acid	F
CF <sub>3</sub>	OH	O	2-Amino-8-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	OH	O	2-Amino-8-fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	OH	O	2-Aminohypoxanthine	O-amino acid	F
CF <sub>3</sub>	OH	O	2-N-acetylguanine	O-amino acid	F
CF <sub>3</sub>	OH	O	4-N-acetylcytosine	O-amino acid	F
CF <sub>3</sub>	OH	O	6-N-acetyladenine	O-amino acid	F
CF <sub>3</sub>	OH	O	2-N-acetyl-8-fluoroguanine	O-amino acid	F
CF <sub>3</sub>	OH	O	4-N-acetyl-5-fluorocytosine	O-amino acid	F
CF <sub>3</sub>	OH	O	6-N-acetyl-2-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	OH	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	F
CF <sub>3</sub>	OH	O	6-N-acetyl-2-aminoadenine	O-amino acid	F

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	OH	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	OH	O	2-N-acetylaminoadenine	O-amino acid	F
CF <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	OH	O	2-N-acetylaminohypoxanthine	O-amino acid	F
CF <sub>3</sub>	OH	O	Thymine	O-acyl	F
CF <sub>3</sub>	OH	O	Uracil	O-acyl	F
CF <sub>3</sub>	OH	O	Guanine	O-acyl	F
CF <sub>3</sub>	OH	O	Cytosine	O-acyl	F
CF <sub>3</sub>	OH	O	Adenine	O-acyl	F
CF <sub>3</sub>	OH	O	Hypoxanthine	O-acyl	F
CF <sub>3</sub>	OH	O	5-Fluorouracil	O-acyl	F
CF <sub>3</sub>	OH	O	8-Fluoroguanine	O-acyl	F
CF <sub>3</sub>	OH	O	5-Fluorocytosine	O-acyl	F
CF <sub>3</sub>	OH	O	8-Fluoroadenine	O-acyl	F
CF <sub>3</sub>	OH	O	2-Fluoroadenine	O-acyl	F
CF <sub>3</sub>	OH	O	2,8-Difluoroadenine	O-acyl	F
CF <sub>3</sub>	OH	O	2-Fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	OH	O	8-Fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	OH	O	2,8-Difluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	OH	O	2-Aminoadenine	O-acyl	F
CF <sub>3</sub>	OH	O	2-Amino-8-fluoroadenine	O-acyl	F
CF <sub>3</sub>	OH	O	2-Amino-8-fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	OH	O	2-Aminohypoxanthine	O-acyl	F
CF <sub>3</sub>	OH	O	2-N-acetylguanine	O-acyl	F
CF <sub>3</sub>	OH	O	4-N-acetylcytosine	O-acyl	F
CF <sub>3</sub>	OH	O	6-N-acetyl原因	O-acyl	F
CF <sub>3</sub>	OH	O	2-N-acetyl-8-fluoroguanine	O-acyl	F
CF <sub>3</sub>	OH	O	4-N-acetyl-5-fluorocytosine	O-acyl	F
CF <sub>3</sub>	OH	O	6-N-acetyl-2-fluoroadenine	O-acyl	F
CF <sub>3</sub>	OH	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	F
CF <sub>3</sub>	OH	O	6-N-acetyl-2-aminoadenine	O-acyl	F
CF <sub>3</sub>	OH	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	F
CF <sub>3</sub>	OH	O	2-N-acetylaminoadenine	O-acyl	F
CF <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	F
CF <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	OH	O	2-N-acetylaminohypoxanthine	O-acyl	F
CF <sub>3</sub>	OH	O	Thymine	O-amino acid	Br
CF <sub>3</sub>	OH	O	Uracil	O-amino acid	Br
CF <sub>3</sub>	OH	O	Guanine	O-amino acid	Br
CF <sub>3</sub>	OH	O	Cytosine	O-amino acid	Br
CF <sub>3</sub>	OH	O	Adenine	O-amino acid	Br
CF <sub>3</sub>	OH	O	Hypoxanthine	O-amino acid	Br
CF <sub>3</sub>	OH	O	5-Fluorouracil	O-amino acid	Br
CF <sub>3</sub>	OH	O	8-Fluoroguanine	O-amino acid	Br

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	OH	O	5-Fluorocytosine	O-amino acid	Br
CF <sub>3</sub>	OH	O	8-Fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	OH	O	2-Fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	OH	O	2,8-Difluoroadenine	O-amino acid	Br
CF <sub>3</sub>	OH	O	2-Fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	OH	O	8-Fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	OH	O	2,8-Difluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	OH	O	2-Aminoadenine	O-amino acid	Br
CF <sub>3</sub>	OH	O	2-Amino-8-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	OH	O	2-Amino-8-fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	OH	O	2-Aminohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	OH	O	2-N-acetylguanine	O-amino acid	Br
CF <sub>3</sub>	OH	O	4-N-acetylcytosine	O-amino acid	Br
CF <sub>3</sub>	OH	O	6-N-acetyladenine	O-amino acid	Br
CF <sub>3</sub>	OH	O	2-N-acetyl-8-fluoroguanine	O-amino acid	Br
CF <sub>3</sub>	OH	O	4-N-acetyl-5-fluorocytosine	O-amino acid	Br
CF <sub>3</sub>	OH	O	6-N-acetyl-2-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	OH	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Br
CF <sub>3</sub>	OH	O	6-N-acetyl-2-aminoadenine	O-amino acid	Br
CF <sub>3</sub>	OH	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	OH	O	2-N-acetylaminoadenine	O-amino acid	Br
CF <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	OH	O	2-N-acetylaminohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	OH	O	Thymine	O-acyl	Br
CF <sub>3</sub>	OH	O	Uracil	O-acyl	Br
CF <sub>3</sub>	OH	O	Guanine	O-acyl	Br
CF <sub>3</sub>	OH	O	Cytosine	O-acyl	Br
CF <sub>3</sub>	OH	O	Adenine	O-acyl	Br
CF <sub>3</sub>	OH	O	Hypoxanthine	O-acyl	Br
CF <sub>3</sub>	OH	O	5-Fluorouracil	O-acyl	Br
CF <sub>3</sub>	OH	O	8-Fluoroguanine	O-acyl	Br
CF <sub>3</sub>	OH	O	5-Fluorocytosine	O-acyl	Br
CF <sub>3</sub>	OH	O	8-Fluoroadenine	O-acyl	Br
CF <sub>3</sub>	OH	O	2-Fluoroadenine	O-acyl	Br
CF <sub>3</sub>	OH	O	2,8-Difluoroadenine	O-acyl	Br
CF <sub>3</sub>	OH	O	2-Fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	OH	O	8-Fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	OH	O	2,8-Difluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	OH	O	2-Aminoadenine	O-acyl	Br
CF <sub>3</sub>	OH	O	2-Amino-8-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	OH	O	2-Amino-8-fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	OH	O	2-Aminohypoxanthine	O-acyl	Br
CF <sub>3</sub>	OH	O	2-N-acetylguanine	O-acyl	Br
CF <sub>3</sub>	OH	O	4-N-acetylcytosine	O-acyl	Br
CF <sub>3</sub>	OH	O	6-N-acetyladenine	O-acyl	Br

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	OH	O	2-N-acetyl-8-fluoroguanine	O-acyl	Br
CF <sub>3</sub>	OH	O	4-N-acetyl-5-fluorocytosine	O-acyl	Br
CF <sub>3</sub>	OH	O	6-N-acetyl-2-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	OH	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	Br
CF <sub>3</sub>	OH	O	6-N-acetyl-2-aminoadenine	O-acyl	Br
CF <sub>3</sub>	OH	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	OH	O	2-N-acetylaminoadenine	O-acyl	Br
CF <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	OH	O	2-N-acetylaminohypoxanthine	O-acyl	Br
CF <sub>3</sub>	OH	O	Thymine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	Uracil	O-amino acid	Cl
CF <sub>3</sub>	OH	O	Guanine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	Cytosine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	Adenine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	Hypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	5-Fluorouracil	O-amino acid	Cl
CF <sub>3</sub>	OH	O	8-Fluoroguanine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	5-Fluorocytosine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	8-Fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	2-Fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	2,8-Difluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	2-Fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	8-Fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	2,8-Difluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	2-Aminoadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	2-Amino-8-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	2-Amino-8-fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	2-Aminohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	2-N-acetylguanine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	4-N-acetylcytosine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	6-N-acetyladenine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	2-N-acetyl-8-fluoroguanine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	4-N-acetyl-5-fluorocytosine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	6-N-acetyl-2-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	6-N-acetyl-2-aminoadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	2-N-acetylaminoadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	2-N-acetylaminohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	OH	O	Thymine	O-acyl	Cl
CF <sub>3</sub>	OH	O	Uracil	O-acyl	Cl
CF <sub>3</sub>	OH	O	Guanine	O-acyl	Cl

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	OH	O	Cytosine	O-acyl	Cl
CF <sub>3</sub>	OH	O	Adenine	O-acyl	Cl
CF <sub>3</sub>	OH	O	Hypoxanthine	O-acyl	Cl
CF <sub>3</sub>	OH	O	5-Fluorouracil	O-acyl	Cl
CF <sub>3</sub>	OH	O	8-Fluoroguanine	O-acyl	Cl
CF <sub>3</sub>	OH	O	5-Fluorocytosine	O-acyl	Cl
CF <sub>3</sub>	OH	O	8-Fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	OH	O	2-Fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	OH	O	2,8-Difluoroadenine	O-acyl	Cl
CF <sub>3</sub>	OH	O	2-Fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	OH	O	8-Fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	OH	O	2,8-Difluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	OH	O	2-Aminoadenine	O-acyl	Cl
CF <sub>3</sub>	OH	O	2-Amino-8-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	OH	O	2-Amino-8-fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	OH	O	2-Aminohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	OH	O	2-N-acetylguanine	O-acyl	Cl
CF <sub>3</sub>	OH	O	4-N-acetylcytosine	O-acyl	Cl
CF <sub>3</sub>	OH	O	6-N-acetyladenine	O-acyl	Cl
CF <sub>3</sub>	OH	O	2-N-acetyl-8-fluoroguanine	O-acyl	Cl
CF <sub>3</sub>	OH	O	4-N-acetyl-5-fluorocytosine	O-acyl	Cl
CF <sub>3</sub>	OH	O	6-N-acetyl-2-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	OH	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	Cl
CF <sub>3</sub>	OH	O	6-N-acetyl-2-aminoadenine	O-acyl	Cl
CF <sub>3</sub>	OH	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	OH	O	2-N-acetylaminoadenine	O-acyl	Cl
CF <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	OH	O	2-N-acetylaminohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	OH	O	Thymine	O-amino acid	H
CF <sub>3</sub>	OH	O	Uracil	O-amino acid	H
CF <sub>3</sub>	OH	O	Guanine	O-amino acid	H
CF <sub>3</sub>	OH	O	Cytosine	O-amino acid	H
CF <sub>3</sub>	OH	O	Adenine	O-amino acid	H
CF <sub>3</sub>	OH	O	Hypoxanthine	O-amino acid	H
CF <sub>3</sub>	OH	O	5-Fluorouracil	O-amino acid	H
CF <sub>3</sub>	OH	O	8-Fluoroguanine	O-amino acid	H
CF <sub>3</sub>	OH	O	5-Fluorocytosine	O-amino acid	H
CF <sub>3</sub>	OH	O	8-Fluoroadenine	O-amino acid	H
CF <sub>3</sub>	OH	O	2-Fluoroadenine	O-amino acid	H
CF <sub>3</sub>	OH	O	2,8-Difluoroadenine	O-amino acid	H
CF <sub>3</sub>	OH	O	2-Fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	OH	O	8-Fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	OH	O	2,8-Difluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	OH	O	2-Aminoadenine	O-amino acid	H
CF <sub>3</sub>	OH	O	2-Amino-8-fluoroadenine	O-amino acid	H



R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	OH	O	2-Amino-8-fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	OH	O	2-Aminohypoxanthine	O-amino acid	H
CF <sub>3</sub>	OH	O	2-N-acetylguanine	O-amino acid	H
CF <sub>3</sub>	OH	O	4-N-acetylcytosine	O-amino acid	H
CF <sub>3</sub>	OH	O	6-N-acetyladenine	O-amino acid	H
CF <sub>3</sub>	OH	O	2-N-acetyl-8-fluoroguanine	O-amino acid	H
CF <sub>3</sub>	OH	O	4-N-acetyl-5-fluorocytosine	O-amino acid	H
CF <sub>3</sub>	OH	O	6-N-acetyl-2-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	OH	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	H
CF <sub>3</sub>	OH	O	6-N-acetyl-2-aminoadenine	O-amino acid	H
CF <sub>3</sub>	OH	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	OH	O	2-N-acetylaminoadenine	O-amino acid	H
CF <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	OH	O	2-N-acetylaminohypoxanthine	O-amino acid	H
CF <sub>3</sub>	OH	O	Thymine	O-acyl	H
CF <sub>3</sub>	OH	O	Uracil	O-acyl	H
CF <sub>3</sub>	OH	O	Guanine	O-acyl	H
CF <sub>3</sub>	OH	O	Cytosine	O-acyl	H
CF <sub>3</sub>	OH	O	Adenine	O-acyl	H
CF <sub>3</sub>	OH	O	Hypoxanthine	O-acyl	H
CF <sub>3</sub>	OH	O	5-Fluorouracil	O-acyl	H
CF <sub>3</sub>	OH	O	8-Fluoroguanine	O-acyl	H
CF <sub>3</sub>	OH	O	5-Fluorocytosine	O-acyl	H
CF <sub>3</sub>	OH	O	8-Fluoroadenine	O-acyl	H
CF <sub>3</sub>	OH	O	2-Fluoroadenine	O-acyl	H
CF <sub>3</sub>	OH	O	2,8-Difluoroadenine	O-acyl	H
CF <sub>3</sub>	OH	O	2-Fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	OH	O	8-Fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	OH	O	2,8-Difluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	OH	O	2-Aminoadenine	O-acyl	H
CF <sub>3</sub>	OH	O	2-Amino-8-fluoroadenine	O-acyl	H
CF <sub>3</sub>	OH	O	2-Amino-8-fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	OH	O	2-Aminohypoxanthine	O-acyl	H
CF <sub>3</sub>	OH	O	2-N-acetylguanine	O-acyl	H
CF <sub>3</sub>	OH	O	4-N-acetylcytosine	O-acyl	H
CF <sub>3</sub>	OH	O	6-N-acetyladenine	O-acyl	H
CF <sub>3</sub>	OH	O	2-N-acetyl-8-fluoroguanine	O-acyl	H
CF <sub>3</sub>	OH	O	4-N-acetyl-5-fluorocytosine	O-acyl	H
CF <sub>3</sub>	OH	O	6-N-acetyl-2-fluoroadenine	O-acyl	H
CF <sub>3</sub>	OH	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	H
CF <sub>3</sub>	OH	O	6-N-acetyl-2-aminoadenine	O-acyl	H
CF <sub>3</sub>	OH	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	H
CF <sub>3</sub>	OH	O	2-N-acetylaminoadenine	O-acyl	H
CF <sub>3</sub>	OH	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	H
CF <sub>3</sub>	OH	O	2-N-acetyl-amino-8-	O-acyl	H

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
			fluorohypoxanthine		
CF <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-acyl	H
CF <sub>3</sub>	H	O	Thymine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Uracil	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Guanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Cytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Adenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Hypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	5-Fluorouracil	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	8-Fluoroguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	5-Fluorocytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	8-Fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2,8-Difluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	8-Fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2,8-Difluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Aminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Aminohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetylguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	4-N-acetylcytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyladenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetyl-8-fluoroguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	4-N-acetyl-5-fluorocytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyl-2-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyl-2-aminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetylaminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Thymine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Uracil	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Guanine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Cytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Adenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Hypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	5-Fluorouracil	O-acyl	O-acyl
CF <sub>3</sub>	H	O	8-Fluoroguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	5-Fluorocytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	8-Fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2,8-Difluoroadenine	O-acyl	O-acyl

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	H	O	2-Fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	8-Fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2,8-Difluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Aminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Amino-8-fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Aminohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetylguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	4-N-acetylcytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyladenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetyl-8-fluoroguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	4-N-acetyl-5-fluorocytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-2-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-2-aminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetylaminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Thymine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Uracil	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Guanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Cytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Adenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Hypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	5-Fluorouracil	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	8-Fluoroguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	5-Fluorocytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	8-Fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2,8-Difluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	8-Fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2,8-Difluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Aminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Aminohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetylguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	4-N-acetylcytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyladenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetyl-8-fluoroguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	4-N-acetyl-5-fluorocytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyl-2-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	O-amino acid

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	H	O	6-N-acetyl-2-aminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetylaminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Thymine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Uracil	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Guanine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Cytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Adenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Hypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	5-Fluorouracil	O-acyl	O-acyl
CF <sub>3</sub>	H	O	8-Fluoroguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	5-Fluorocytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	8-Fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2,8-Difluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	8-Fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2,8-Difluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Aminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Amino-8-fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Aminohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetylguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	4-N-acetylcytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-adenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetyl-8-fluoroguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	4-N-acetyl-5-fluorocytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-2-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-2-aminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetylaminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Thymine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Uracil	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Guanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Cytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Adenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Hypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	5-Fluorouracil	O-amino acid	O-amino acid

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	H	O	8-Fluoroguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	5-Fluorocytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	8-Fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2,8-Difluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	8-Fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2,8-Difluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Aminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Aminohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetylguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	4-N-acetylcytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyl原因	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetyl-8-fluoroguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	4-N-acetyl-5-fluorocytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyl-2-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyl-2-aminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetylaminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Thymine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Uracil	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Guanine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Cytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Adenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Hypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	5-Fluorouracil	O-acyl	O-acyl
CF <sub>3</sub>	H	O	8-Fluoroguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	5-Fluorocytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	8-Fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2,8-Difluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	8-Fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2,8-Difluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Aminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Amino-8-fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Aminohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetylguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	4-N-acetylcytosine	O-acyl	O-acyl

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	H	O	6-N-acetyladenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetyl-8-fluoroguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	4-N-acetyl-5-fluorocytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-2-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-2-aminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetylaminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Thymine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Uracil	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Guanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Cytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Adenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Hypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	5-Fluorouracil	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	8-Fluoroguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	5-Fluorocytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	8-Fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2,8-Difluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	8-Fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2,8-Difluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Aminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Aminohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetylguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	4-N-acetylcytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyladenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetyl-8-fluoroguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	4-N-acetyl-5-fluorocytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyl-2-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyl-2-aminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetylaminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Thymine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Uracil	O-acyl	O-acyl

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	H	O	Guanine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Cytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Adenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Hypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	5-Fluorouracil	O-acyl	O-acyl
CF <sub>3</sub>	H	O	8-Fluoroguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	5-Fluorocytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	8-Fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2,8-Difluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	8-Fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2,8-Difluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Aminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Amino-8-fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Aminohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetylguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	4-N-acetylcytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyladenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetyl-8-fluoroguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	4-N-acetyl-5-fluorocytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-2-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-2-aminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetylaminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Thymine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Uracil	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Guanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Cytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Adenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Hypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	5-Fluorouracil	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	8-Fluoroguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	5-Fluorocytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	8-Fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2,8-Difluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	8-Fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2,8-Difluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Aminoadenine	O-amino acid	O-amino acid

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	H	O	2-Amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-Aminohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetylguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	4-N-acetylcytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyladenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetyl-8-fluoroguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	4-N-acetyl-5-fluorocytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyl-2-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyl-2,8-difluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyl-2-aminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetylaminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	O	Thymine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Uracil	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Guanine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Cytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Adenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	Hypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	5-Fluorouracil	O-acyl	O-acyl
CF <sub>3</sub>	H	O	8-Fluoroguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	5-Fluorocytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	8-Fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2,8-Difluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	8-Fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2,8-Difluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Aminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Amino-8-fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-Aminohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetylguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	4-N-acetylcytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyladenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetyl-8-fluoroguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	4-N-acetyl-5-fluorocytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-2-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-2,8-difluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-2-aminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetylaminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetyl-amino-8-fluoroadenine	O-acyl	O-acyl



<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	H	O	2-N-acetylamino-8-fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	O	2-N-acetylaminohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	O-acyl	S	Thymine	H	F
CF <sub>3</sub>	O-acyl	S	Uracil	H	F
CF <sub>3</sub>	O-acyl	S	Guanine	H	F
CF <sub>3</sub>	O-acyl	S	Cytosine	H	F
CF <sub>3</sub>	O-acyl	S	Adenine	H	F
CF <sub>3</sub>	O-acyl	S	Hypoxanthine	H	F
CF <sub>3</sub>	O-acyl	S	5-Fluorouracil	H	F
CF <sub>3</sub>	O-acyl	S	8-Fluoroguanine	H	F
CF <sub>3</sub>	O-acyl	S	5-Fluorocytosine	H	F
CF <sub>3</sub>	O-acyl	S	8-Fluoroadenine	H	F
CF <sub>3</sub>	O-acyl	S	2-Fluoroadenine	H	F
CF <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	H	F
CF <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	H	F
CF <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	H	F
CF <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	H	F
CF <sub>3</sub>	O-acyl	S	2-Aminoadenine	H	F
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	H	F
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	H	F
CF <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	H	F
CF <sub>3</sub>	O-acyl	S	2-N-acetylguanine	H	F
CF <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	H	F
CF <sub>3</sub>	O-acyl	S	6-N-acetyladenine	H	F
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	H	F
CF <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	H	F
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	H	F
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	H	F
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	H	F
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	H	F
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	H	F
CF <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluoroadenine	H	F
CF <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluorohypoxanthine	H	F
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	H	F
CF <sub>3</sub>	O-acyl	S	Thymine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	Uracil	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	Guanine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	Cytosine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	Adenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	Hypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	5-Fluorouracil	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	8-Fluoroguanine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	5-Fluorocytosine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	8-Fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	2-Fluoroadenine	O-amino acid	F

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	2-Aminoadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	2-N-acetylguanine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	6-N-acetyladenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-acyl	S	Thymine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	Uracil	O-acyl	F
CF <sub>3</sub>	O-acyl	S	Guanine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	Cytosine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	Adenine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	Hypoxanthine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	5-Fluorouracil	O-acyl	F
CF <sub>3</sub>	O-acyl	S	8-Fluoroguanine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	5-Fluorocytosine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	8-Fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	2-Fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	2-Aminoadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	2-N-acetylguanine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	6-N-acetyladenine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	O-acyl	F

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-acyl	S	Thymine	OH	F
CF <sub>3</sub>	O-acyl	S	Uracil	OH	F
CF <sub>3</sub>	O-acyl	S	Guanine	OH	F
CF <sub>3</sub>	O-acyl	S	Cytosine	OH	F
CF <sub>3</sub>	O-acyl	S	Adenine	OH	F
CF <sub>3</sub>	O-acyl	S	Hypoxanthine	OH	F
CF <sub>3</sub>	O-acyl	S	5-Fluorouracil	OH	F
CF <sub>3</sub>	O-acyl	S	8-Fluoroguanine	OH	F
CF <sub>3</sub>	O-acyl	S	5-Fluorocytosine	OH	F
CF <sub>3</sub>	O-acyl	S	8-Fluoroadenine	OH	F
CF <sub>3</sub>	O-acyl	S	2-Fluoroadenine	OH	F
CF <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	OH	F
CF <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	OH	F
CF <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	OH	F
CF <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	OH	F
CF <sub>3</sub>	O-acyl	S	2-Aminoadenine	OH	F
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	OH	F
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	OH	F
CF <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	OH	F
CF <sub>3</sub>	O-acyl	S	2-N-acetylguanine	OH	F
CF <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	OH	F
CF <sub>3</sub>	O-acyl	S	6-N-acetyladenine	OH	F
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	OH	F
CF <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	OH	F
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	OH	F
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	OH	F
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	OH	F
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	OH	F
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	OH	F
CF <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluoroadenine	OH	F
CF <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluorohypoxanthine	OH	F
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	OH	F
CF <sub>3</sub>	O-acyl	S	Thymine	H	Br
CF <sub>3</sub>	O-acyl	S	Uracil	H	Br
CF <sub>3</sub>	O-acyl	S	Guanine	H	Br
CF <sub>3</sub>	O-acyl	S	Cytosine	H	Br
CF <sub>3</sub>	O-acyl	S	Adenine	H	Br
CF <sub>3</sub>	O-acyl	S	Hypoxanthine	H	Br

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-acyl	S	5-Fluorouracil	H	Br
CF <sub>3</sub>	O-acyl	S	8-Fluoroguanine	H	Br
CF <sub>3</sub>	O-acyl	S	5-Fluorocytosine	H	Br
CF <sub>3</sub>	O-acyl	S	8-Fluoroadenine	H	Br
CF <sub>3</sub>	O-acyl	S	2-Fluoroadenine	H	Br
CF <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	H	Br
CF <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	H	Br
CF <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	H	Br
CF <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	H	Br
CF <sub>3</sub>	O-acyl	S	2-Aminoadenine	H	Br
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	H	Br
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	H	Br
CF <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	H	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetylguanine	H	Br
CF <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	H	Br
CF <sub>3</sub>	O-acyl	S	6-N-acetyl原因	H	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	H	Br
CF <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	H	Br
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	H	Br
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	H	Br
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	H	Br
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	H	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	H	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluoroadenine	H	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluorohypoxanthine	H	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	H	Br
CF <sub>3</sub>	O-acyl	S	Thymine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	Uracil	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	Guanine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	Cytosine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	Adenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	Hypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	5-Fluorouracil	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	8-Fluoroguanine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	5-Fluorocytosine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	8-Fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	2-Fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	2-Aminoadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetylguanine	O-amino acid	Br

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	6-N-acetyl原因	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetyl原因	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetyl原因-8-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetyl原因-8-fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetyl原因hypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-acyl	S	Thymine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	Uracil	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	Guanine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	Cytosine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	Adenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	Hypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	5-Fluorouracil	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	8-Fluoroguanine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	5-Fluorocytosine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	8-Fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	2-Fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	2-Aminoadenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetyl原因	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	6-N-acetyl原因	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetyl原因	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetyl原因-8-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetyl原因-8-fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetyl原因hypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-acyl	S	Thymine	OH	Br

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-acyl	S	Uracil	OH	Br
CF <sub>3</sub>	O-acyl	S	Guanine	OH	Br
CF <sub>3</sub>	O-acyl	S	Cytosine	OH	Br
CF <sub>3</sub>	O-acyl	S	Adenine	OH	Br
CF <sub>3</sub>	O-acyl	S	Hypoxanthine	OH	Br
CF <sub>3</sub>	O-acyl	S	5-Fluorouracil	OH	Br
CF <sub>3</sub>	O-acyl	S	8-Fluoroguanine	OH	Br
CF <sub>3</sub>	O-acyl	S	5-Fluorocytosine	OH	Br
CF <sub>3</sub>	O-acyl	S	8-Fluoroadenine	OH	Br
CF <sub>3</sub>	O-acyl	S	2-Fluoroadenine	OH	Br
CF <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	OH	Br
CF <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	OH	Br
CF <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	OH	Br
CF <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	OH	Br
CF <sub>3</sub>	O-acyl	S	2-Aminoadenine	OH	Br
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	OH	Br
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	OH	Br
CF <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	OH	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetylguanine	OH	Br
CF <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	OH	Br
CF <sub>3</sub>	O-acyl	S	6-N-acetyladenine	OH	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	OH	Br
CF <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	OH	Br
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	OH	Br
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	OH	Br
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	OH	Br
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	OH	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	OH	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluoroadenine	OH	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluorohypoxanthine	OH	Br
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	OH	Br
CF <sub>3</sub>	O-acyl	S	Thymine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	Uracil	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	Guanine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	Cytosine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	Adenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	Hypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	5-Fluorouracil	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	8-Fluoroguanine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	5-Fluorocytosine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	8-Fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	2-Fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	O-acyl	Cl

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-acyl	S	2-Aminoadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetylguanine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	6-N-acetyladenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-acyl	S	Thymine	OH	Cl
CF <sub>3</sub>	O-acyl	S	Uracil	OH	Cl
CF <sub>3</sub>	O-acyl	S	Guanine	OH	Cl
CF <sub>3</sub>	O-acyl	S	Cytosine	OH	Cl
CF <sub>3</sub>	O-acyl	S	Adenine	OH	Cl
CF <sub>3</sub>	O-acyl	S	Hypoxanthine	OH	Cl
CF <sub>3</sub>	O-acyl	S	5-Fluorouracil	OH	Cl
CF <sub>3</sub>	O-acyl	S	8-Fluoroguanine	OH	Cl
CF <sub>3</sub>	O-acyl	S	5-Fluorocytosine	OH	Cl
CF <sub>3</sub>	O-acyl	S	8-Fluoroadenine	OH	Cl
CF <sub>3</sub>	O-acyl	S	2-Fluoroadenine	OH	Cl
CF <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	OH	Cl
CF <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	OH	Cl
CF <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	OH	Cl
CF <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	OH	Cl
CF <sub>3</sub>	O-acyl	S	2-Aminoadenine	OH	Cl
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	OH	Cl
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	OH	Cl
CF <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	OH	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetylguanine	OH	Cl
CF <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	OH	Cl
CF <sub>3</sub>	O-acyl	S	6-N-acetyladenine	OH	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	OH	Cl
CF <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	OH	Cl
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	OH	Cl
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	OH	Cl
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	OH	Cl
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	OH	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	OH	Cl

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluoroadenine	OH	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluorohypoxanthine	OH	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	OH	Cl
CF <sub>3</sub>	O-acyl	S	Thymine	H	Cl
CF <sub>3</sub>	O-acyl	S	Uracil	H	Cl
CF <sub>3</sub>	O-acyl	S	Guanine	H	Cl
CF <sub>3</sub>	O-acyl	S	Cytosine	H	Cl
CF <sub>3</sub>	O-acyl	S	Adenine	H	Cl
CF <sub>3</sub>	O-acyl	S	Hypoxanthine	H	Cl
CF <sub>3</sub>	O-acyl	S	5-Fluorouracil	H	Cl
CF <sub>3</sub>	O-acyl	S	8-Fluoroguanine	H	Cl
CF <sub>3</sub>	O-acyl	S	5-Fluorocytosine	H	Cl
CF <sub>3</sub>	O-acyl	S	8-Fluoroadenine	H	Cl
CF <sub>3</sub>	O-acyl	S	2-Fluoroadenine	H	Cl
CF <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	H	Cl
CF <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	H	Cl
CF <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	H	Cl
CF <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	H	Cl
CF <sub>3</sub>	O-acyl	S	2-Aminoadenine	H	Cl
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	H	Cl
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	H	Cl
CF <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	H	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetylguanine	H	Cl
CF <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	H	Cl
CF <sub>3</sub>	O-acyl	S	6-N-acetyladenine	H	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	H	Cl
CF <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	H	Cl
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	H	Cl
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	H	Cl
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	H	Cl
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	H	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	H	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluoroadenine	H	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluorohypoxanthine	H	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	H	Cl
CF <sub>3</sub>	O-acyl	S	Thymine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	Uracil	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	Guanine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	Cytosine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	Adenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	Hypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	5-Fluorouracil	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	8-Fluoroguanine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	5-Fluorocytosine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	8-Fluoroadenine	O-amino acid	Cl



<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-acyl	S	2-Fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	2-Aminoadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetylguanine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	6-N-acetyladenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-acyl	S	Thymine	H	H
CF <sub>3</sub>	O-acyl	S	Uracil	H	H
CF <sub>3</sub>	O-acyl	S	Guanine	H	H
CF <sub>3</sub>	O-acyl	S	Cytosine	H	H
CF <sub>3</sub>	O-acyl	S	Adenine	H	H
CF <sub>3</sub>	O-acyl	S	Hypoxanthine	H	H
CF <sub>3</sub>	O-acyl	S	5-Fluorouracil	H	H
CF <sub>3</sub>	O-acyl	S	8-Fluoroguanine	H	H
CF <sub>3</sub>	O-acyl	S	5-Fluorocytosine	H	H
CF <sub>3</sub>	O-acyl	S	8-Fluoroadenine	H	H
CF <sub>3</sub>	O-acyl	S	2-Fluoroadenine	H	H
CF <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	H	H
CF <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	H	H
CF <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	H	H
CF <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	H	H
CF <sub>3</sub>	O-acyl	S	2-Aminoadenine	H	H
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	H	H
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	H	H
CF <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	H	H
CF <sub>3</sub>	O-acyl	S	2-N-acetylguanine	H	H
CF <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	H	H
CF <sub>3</sub>	O-acyl	S	6-N-acetyladenine	H	H
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	H	H
CF <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	H	H

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	H	H
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	H	H
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	H	H
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	H	H
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	H	H
CF <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluoroadenine	H	H
CF <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluorohypoxanthine	H	H
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	H	H
CF <sub>3</sub>	O-acyl	S	Thymine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	Uracil	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	Guanine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	Cytosine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	Adenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	Hypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	5-Fluorouracil	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	8-Fluoroguanine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	5-Fluorocytosine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	8-Fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	2-Fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	2-Aminoadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	2-N-acetylguanine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	6-N-acetyladenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-acyl	S	Thymine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	Uracil	O-acyl	H
CF <sub>3</sub>	O-acyl	S	Guanine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	Cytosine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	Adenine	O-acyl	H

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	O-acyl	S	Hypoxanthine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	5-Fluorouracil	O-acyl	H
CF <sub>3</sub>	O-acyl	S	8-Fluoroguanine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	5-Fluorocytosine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	8-Fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	2-Fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	2-Aminoadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	2-N-acetylguanine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	6-N-acetyladenine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-acyl	S	Thymine	OH	H
CF <sub>3</sub>	O-acyl	S	Uracil	OH	H
CF <sub>3</sub>	O-acyl	S	Guanine	OH	H
CF <sub>3</sub>	O-acyl	S	Cytosine	OH	H
CF <sub>3</sub>	O-acyl	S	Adenine	OH	H
CF <sub>3</sub>	O-acyl	S	Hypoxanthine	OH	H
CF <sub>3</sub>	O-acyl	S	5-Fluorouracil	OH	H
CF <sub>3</sub>	O-acyl	S	8-Fluoroguanine	OH	H
CF <sub>3</sub>	O-acyl	S	5-Fluorocytosine	OH	H
CF <sub>3</sub>	O-acyl	S	8-Fluoroadenine	OH	H
CF <sub>3</sub>	O-acyl	S	2-Fluoroadenine	OH	H
CF <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	OH	H
CF <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	OH	H
CF <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	OH	H
CF <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	OH	H
CF <sub>3</sub>	O-acyl	S	2-Aminoadenine	OH	H
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	OH	H
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	OH	H
CF <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	OH	H

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	O-acyl	S	2-N-acetylguanine	OH	H
CF <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	OH	H
CF <sub>3</sub>	O-acyl	S	6-N-acetyladenine	OH	H
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	OH	H
CF <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	OH	H
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	OH	H
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	OH	H
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	OH	H
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	OH	H
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	OH	H
CF <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluoroadenine	OH	H
CF <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluorohypoxanthine	OH	H
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	OH	H
CF <sub>3</sub>	O-acyl	S	Thymine	H	OH
CF <sub>3</sub>	O-acyl	S	Uracil	H	OH
CF <sub>3</sub>	O-acyl	S	Guanine	H	OH
CF <sub>3</sub>	O-acyl	S	Cytosine	H	OH
CF <sub>3</sub>	O-acyl	S	Adenine	H	OH
CF <sub>3</sub>	O-acyl	S	Hypoxanthine	H	OH
CF <sub>3</sub>	O-acyl	S	5-Fluorouracil	H	OH
CF <sub>3</sub>	O-acyl	S	8-Fluoroguanine	H	OH
CF <sub>3</sub>	O-acyl	S	5-Fluorocytosine	H	OH
CF <sub>3</sub>	O-acyl	S	8-Fluoroadenine	H	OH
CF <sub>3</sub>	O-acyl	S	2-Fluoroadenine	H	OH
CF <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	H	OH
CF <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	H	OH
CF <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	H	OH
CF <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	H	OH
CF <sub>3</sub>	O-acyl	S	2-Aminoadenine	H	OH
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	H	OH
CF <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	H	OH
CF <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	H	OH
CF <sub>3</sub>	O-acyl	S	2-N-acetylguanine	H	OH
CF <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	H	OH
CF <sub>3</sub>	O-acyl	S	6-N-acetyladenine	H	OH
CF <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	H	OH
CF <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	H	OH
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	H	OH
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	H	OH
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	H	OH
CF <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	H	OH
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	H	OH
CF <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluoroadenine	H	OH
CF <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluorohypoxanthine	H	OH
CF <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	H	OH

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-amino acid	S	Thymine	H	F
CF <sub>3</sub>	O-amino acid	S	Uracil	H	F
CF <sub>3</sub>	O-amino acid	S	Guanine	H	F
CF <sub>3</sub>	O-amino acid	S	Cytosine	H	F
CF <sub>3</sub>	O-amino acid	S	Adenine	H	F
CF <sub>3</sub>	O-amino acid	S	Hypoxanthine	H	F
CF <sub>3</sub>	O-amino acid	S	5-Fluorouracil	H	F
CF <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	H	F
CF <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	H	F
CF <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	H	F
CF <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	H	F
CF <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	H	F
CF <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	H	F
CF <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	H	F
CF <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	H	F
CF <sub>3</sub>	O-amino acid	S	2-Aminoadenine	H	F
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	H	F
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	H	F
CF <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	H	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	H	F
CF <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	H	F
CF <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	H	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	H	F
CF <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	H	F
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	H	F
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	H	F
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	H	F
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	H	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	H	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	H	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	H	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	H	F
CF <sub>3</sub>	O-amino acid	S	Thymine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	Uracil	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	Guanine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	Cytosine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	Adenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	Hypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	5-Fluorouracil	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	O-amino acid	F

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	2-Aminoadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	O-amino acid	F
CF <sub>3</sub>	O-amino acid	S	Thymine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	Uracil	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	Guanine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	Cytosine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	Adenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	Hypoxanthine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	5-Fluorouracil	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	2-Aminoadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	F

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetylamino-8-fluoroadenine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetylamino-8-fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	O-acyl	F
CF <sub>3</sub>	O-amino acid	S	Thymine	OH	F
CF <sub>3</sub>	O-amino acid	S	Uracil	OH	F
CF <sub>3</sub>	O-amino acid	S	Guanine	OH	F
CF <sub>3</sub>	O-amino acid	S	Cytosine	OH	F
CF <sub>3</sub>	O-amino acid	S	Adenine	OH	F
CF <sub>3</sub>	O-amino acid	S	Hypoxanthine	OH	F
CF <sub>3</sub>	O-amino acid	S	5-Fluorouracil	OH	F
CF <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	OH	F
CF <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	OH	F
CF <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	OH	F
CF <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	OH	F
CF <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	OH	F
CF <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	OH	F
CF <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	OH	F
CF <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	OH	F
CF <sub>3</sub>	O-amino acid	S	2-Aminoadenine	OH	F
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	OH	F
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	OH	F
CF <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	OH	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	OH	F
CF <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	OH	F
CF <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	OH	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	OH	F
CF <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	OH	F
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	OH	F
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	OH	F
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	OH	F
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	OH	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	OH	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetylamino-8-fluoroadenine	OH	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetylamino-8-fluorohypoxanthine	OH	F
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	OH	F
CF <sub>3</sub>	O-amino acid	S	Thymine	H	Br
CF <sub>3</sub>	O-amino acid	S	Uracil	H	Br
CF <sub>3</sub>	O-amino acid	S	Guanine	H	Br
CF <sub>3</sub>	O-amino acid	S	Cytosine	H	Br
CF <sub>3</sub>	O-amino acid	S	Adenine	H	Br
CF <sub>3</sub>	O-amino acid	S	Hypoxanthine	H	Br
CF <sub>3</sub>	O-amino acid	S	5-Fluorouracil	H	Br
CF <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	H	Br
CF <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	H	Br

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	H	Br
CF <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	H	Br
CF <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	H	Br
CF <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	H	Br
CF <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	H	Br
CF <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	H	Br
CF <sub>3</sub>	O-amino acid	S	2-Aminoadenine	H	Br
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	H	Br
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	H	Br
CF <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	H	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	H	Br
CF <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	H	Br
CF <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	H	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	H	Br
CF <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	H	Br
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	H	Br
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	H	Br
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	H	Br
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	H	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	H	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	H	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	H	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	H	Br
CF <sub>3</sub>	O-amino acid	S	Thymine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	Uracil	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	Guanine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	Cytosine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	Adenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	Hypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	5-Fluorouracil	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	2-Aminoadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	O-amino acid	Br



<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	O-amino acid	S	Thymine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	Uracil	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	Guanine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	Cytosine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	Adenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	Hypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	5-Fluorouracil	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	2-Aminoadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-adenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	O-acyl	Br
CF <sub>3</sub>	O-amino acid	S	Thymine	OH	Br
CF <sub>3</sub>	O-amino acid	S	Uracil	OH	Br
CF <sub>3</sub>	O-amino acid	S	Guanine	OH	Br
CF <sub>3</sub>	O-amino acid	S	Cytosine	OH	Br

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	O-amino acid	S	Adenine	OH	Br
CF <sub>3</sub>	O-amino acid	S	Hypoxanthine	OH	Br
CF <sub>3</sub>	O-amino acid	S	5-Fluorouracil	OH	Br
CF <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	OH	Br
CF <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	OH	Br
CF <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	OH	Br
CF <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	OH	Br
CF <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	OH	Br
CF <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	OH	Br
CF <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	OH	Br
CF <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	OH	Br
CF <sub>3</sub>	O-amino acid	S	2-Aminoadenine	OH	Br
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	OH	Br
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	OH	Br
CF <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	OH	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	OH	Br
CF <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	OH	Br
CF <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	OH	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	OH	Br
CF <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	OH	Br
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	OH	Br
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	OH	Br
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	OH	Br
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	OH	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	OH	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	OH	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	OH	Br
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	OH	Br
CF <sub>3</sub>	O-amino acid	S	Thymine	H	Cl
CF <sub>3</sub>	O-amino acid	S	Uracil	H	Cl
CF <sub>3</sub>	O-amino acid	S	Guanine	H	Cl
CF <sub>3</sub>	O-amino acid	S	Cytosine	H	Cl
CF <sub>3</sub>	O-amino acid	S	Adenine	H	Cl
CF <sub>3</sub>	O-amino acid	S	Hypoxanthine	H	Cl
CF <sub>3</sub>	O-amino acid	S	5-Fluorouracil	H	Cl
CF <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	H	Cl
CF <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	H	Cl
CF <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	H	Cl
CF <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	H	Cl
CF <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	H	Cl
CF <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	H	Cl
CF <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	H	Cl
CF <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	H	Cl
CF <sub>3</sub>	O-amino acid	S	2-Aminoadenine	H	Cl
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	H	Cl
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	H	Cl

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	H	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	H	Cl
CF <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	H	Cl
CF <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	H	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	H	Cl
CF <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	H	Cl
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	H	Cl
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	H	Cl
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	H	Cl
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	H	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	H	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	H	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	H	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	H	Cl
CF <sub>3</sub>	O-amino acid	S	Thymine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	Uracil	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	Guanine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	Cytosine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	Adenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	Hypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	5-Fluorouracil	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	2-Aminoadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	Cl

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	O-amino acid	S	Thymine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	Uracil	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	Guanine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	Cytosine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	Adenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	Hypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	5-Fluorouracil	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	2-Aminoadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	O-amino acid	S	Thymine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	Uracil	OH	Cl
CF <sub>3</sub>	O-amino acid	S	Guanine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	Cytosine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	Adenine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	Hypoxanthine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	5-Fluorouracil	OH	Cl
CF <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	OH	Cl

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	2-Aminoadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	OH	Cl
CF <sub>3</sub>	O-amino acid	S	Thymine	H	H
CF <sub>3</sub>	O-amino acid	S	Uracil	H	H
CF <sub>3</sub>	O-amino acid	S	Guanine	H	H
CF <sub>3</sub>	O-amino acid	S	Cytosine	H	H
CF <sub>3</sub>	O-amino acid	S	Adenine	H	H
CF <sub>3</sub>	O-amino acid	S	Hypoxanthine	H	H
CF <sub>3</sub>	O-amino acid	S	5-Fluorouracil	H	H
CF <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	H	H
CF <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	H	H
CF <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	H	H
CF <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	H	H
CF <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	H	H
CF <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	H	H
CF <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	H	H
CF <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	H	H
CF <sub>3</sub>	O-amino acid	S	2-Aminoadenine	H	H
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	H	H
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	H	H
CF <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	H	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	H	H
CF <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	H	H
CF <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	H	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	H	H
CF <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	H	H
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	H	H
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	H	H
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	H	H

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	H	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	H	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	H	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	H	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	H	H
CF <sub>3</sub>	O-amino acid	S	Thymine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	Uracil	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	Guanine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	Cytosine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	Adenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	Hypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	5-Fluorouracil	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	2-Aminoadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	O-amino acid	H
CF <sub>3</sub>	O-amino acid	S	Thymine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	Uracil	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	Guanine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	Cytosine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	Adenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	Hypoxanthine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	5-Fluorouracil	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	O-acyl	H

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	2-Aminoadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	O-acyl	H
CF <sub>3</sub>	O-amino acid	S	Thymine	OH	H
CF <sub>3</sub>	O-amino acid	S	Uracil	OH	H
CF <sub>3</sub>	O-amino acid	S	Guanine	OH	H
CF <sub>3</sub>	O-amino acid	S	Cytosine	OH	H
CF <sub>3</sub>	O-amino acid	S	Adenine	OH	H
CF <sub>3</sub>	O-amino acid	S	Hypoxanthine	OH	H
CF <sub>3</sub>	O-amino acid	S	5-Fluorouracil	OH	H
CF <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	OH	H
CF <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	OH	H
CF <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	OH	H
CF <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	OH	H
CF <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	OH	H
CF <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	OH	H
CF <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	OH	H
CF <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	OH	H
CF <sub>3</sub>	O-amino acid	S	2-Aminoadenine	OH	H
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	OH	H
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	OH	H
CF <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	OH	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	OH	H
CF <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	OH	H
CF <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	OH	H

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	OH	H
CF <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	OH	H
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	OH	H
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	OH	H
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	OH	H
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	OH	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	OH	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	OH	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	OH	H
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	OH	H
CF <sub>3</sub>	O-amino acid	S	Thymine	H	OH
CF <sub>3</sub>	O-amino acid	S	Uracil	H	OH
CF <sub>3</sub>	O-amino acid	S	Guanine	H	OH
CF <sub>3</sub>	O-amino acid	S	Cytosine	H	OH
CF <sub>3</sub>	O-amino acid	S	Adenine	H	OH
CF <sub>3</sub>	O-amino acid	S	Hypoxanthine	H	OH
CF <sub>3</sub>	O-amino acid	S	5-Fluorouracil	H	OH
CF <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	H	OH
CF <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	H	OH
CF <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	H	OH
CF <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	H	OH
CF <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	H	OH
CF <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	H	OH
CF <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	H	OH
CF <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	H	OH
CF <sub>3</sub>	O-amino acid	S	2-Aminoadenine	H	OH
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	H	OH
CF <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	H	OH
CF <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	H	OH
CF <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	H	OH
CF <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	H	OH
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-adenine	H	OH
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	H	OH
CF <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	H	OH
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	H	OH
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	H	OH
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	H	OH
CF <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	H	OH
CF <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	H	OH
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	H	OH
CF <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	H	OH
CF <sub>3</sub>	OH	S	2-N-acetylaminohypoxanthine	H	OH
CF <sub>3</sub>	OH	S	Thymine	O-amino acid	F
CF <sub>3</sub>	OH	S	Uracil	O-amino acid	F
CF <sub>3</sub>	OH	S	Guanine	O-amino acid	F



<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	OH	S	Cytosine	O-amino acid	F
CF <sub>3</sub>	OH	S	Adenine	O-amino acid	F
CF <sub>3</sub>	OH	S	Hypoxanthine	O-amino acid	F
CF <sub>3</sub>	OH	S	5-Fluorouracil	O-amino acid	F
CF <sub>3</sub>	OH	S	8-Fluoroguanine	O-amino acid	F
CF <sub>3</sub>	OH	S	5-Fluorocytosine	O-amino acid	F
CF <sub>3</sub>	OH	S	8-Fluoroadenine	O-amino acid	F
CF <sub>3</sub>	OH	S	2-Fluoroadenine	O-amino acid	F
CF <sub>3</sub>	OH	S	2,8-Difluoroadenine	O-amino acid	F
CF <sub>3</sub>	OH	S	2-Fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	OH	S	8-Fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	OH	S	2,8-Difluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	OH	S	2-Aminoadenine	O-amino acid	F
CF <sub>3</sub>	OH	S	2-Amino-8-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	OH	S	2-Amino-8-fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	OH	S	2-Aminohypoxanthine	O-amino acid	F
CF <sub>3</sub>	OH	S	2-N-acetylguanine	O-amino acid	F
CF <sub>3</sub>	OH	S	4-N-acetylcytosine	O-amino acid	F
CF <sub>3</sub>	OH	S	6-N-acetyladenine	O-amino acid	F
CF <sub>3</sub>	OH	S	2-N-acetyl-8-fluoroguanine	O-amino acid	F
CF <sub>3</sub>	OH	S	4-N-acetyl-5-fluorocytosine	O-amino acid	F
CF <sub>3</sub>	OH	S	6-N-acetyl-2-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	OH	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	F
CF <sub>3</sub>	OH	S	6-N-acetyl-2-aminoadenine	O-amino acid	F
CF <sub>3</sub>	OH	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	OH	S	2-N-acetylaminoadenine	O-amino acid	F
CF <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	F
CF <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	F
CF <sub>3</sub>	OH	S	2-N-acetylaminohypoxanthine	O-amino acid	F
CF <sub>3</sub>	OH	S	Thymine	O-acyl	F
CF <sub>3</sub>	OH	S	Uracil	O-acyl	F
CF <sub>3</sub>	OH	S	Guanine	O-acyl	F
CF <sub>3</sub>	OH	S	Cytosine	O-acyl	F
CF <sub>3</sub>	OH	S	Adenine	O-acyl	F
CF <sub>3</sub>	OH	S	Hypoxanthine	O-acyl	F
CF <sub>3</sub>	OH	S	5-Fluorouracil	O-acyl	F
CF <sub>3</sub>	OH	S	8-Fluoroguanine	O-acyl	F
CF <sub>3</sub>	OH	S	5-Fluorocytosine	O-acyl	F
CF <sub>3</sub>	OH	S	8-Fluoroadenine	O-acyl	F
CF <sub>3</sub>	OH	S	2-Fluoroadenine	O-acyl	F
CF <sub>3</sub>	OH	S	2,8-Difluoroadenine	O-acyl	F
CF <sub>3</sub>	OH	S	2-Fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	OH	S	8-Fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	OH	S	2,8-Difluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	OH	S	2-Aminoadenine	O-acyl	F
CF <sub>3</sub>	OH	S	2-Amino-8-fluoroadenine	O-acyl	F

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	OH	S	2-Amino-8-fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	OH	S	2-Aminohypoxanthine	O-acyl	F
CF <sub>3</sub>	OH	S	2-N-acetylguanine	O-acyl	F
CF <sub>3</sub>	OH	S	4-N-acetylcytosine	O-acyl	F
CF <sub>3</sub>	OH	S	6-N-acetyladenine	O-acyl	F
CF <sub>3</sub>	OH	S	2-N-acetyl-8-fluoroguanine	O-acyl	F
CF <sub>3</sub>	OH	S	4-N-acetyl-5-fluorocytosine	O-acyl	F
CF <sub>3</sub>	OH	S	6-N-acetyl-2-fluoroadenine	O-acyl	F
CF <sub>3</sub>	OH	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	F
CF <sub>3</sub>	OH	S	6-N-acetyl-2-aminoadenine	O-acyl	F
CF <sub>3</sub>	OH	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	F
CF <sub>3</sub>	OH	S	2-N-acetylaminoadenine	O-acyl	F
CF <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	F
CF <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	F
CF <sub>3</sub>	OH	S	2-N-acetylaminohypoxanthine	O-acyl	F
CF <sub>3</sub>	OH	S	Thymine	O-amino acid	Br
CF <sub>3</sub>	OH	S	Uracil	O-amino acid	Br
CF <sub>3</sub>	OH	S	Guanine	O-amino acid	Br
CF <sub>3</sub>	OH	S	Cytosine	O-amino acid	Br
CF <sub>3</sub>	OH	S	Adenine	O-amino acid	Br
CF <sub>3</sub>	OH	S	Hypoxanthine	O-amino acid	Br
CF <sub>3</sub>	OH	S	5-Fluorouracil	O-amino acid	Br
CF <sub>3</sub>	OH	S	8-Fluoroguanine	O-amino acid	Br
CF <sub>3</sub>	OH	S	5-Fluorocytosine	O-amino acid	Br
CF <sub>3</sub>	OH	S	8-Fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	OH	S	2-Fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	OH	S	2,8-Difluoroadenine	O-amino acid	Br
CF <sub>3</sub>	OH	S	2-Fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	OH	S	8-Fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	OH	S	2,8-Difluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	OH	S	2-Aminoadenine	O-amino acid	Br
CF <sub>3</sub>	OH	S	2-Amino-8-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	OH	S	2-Amino-8-fluorohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	OH	S	2-Aminohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	OH	S	2-N-acetylguanine	O-amino acid	Br
CF <sub>3</sub>	OH	S	4-N-acetylcytosine	O-amino acid	Br
CF <sub>3</sub>	OH	S	6-N-acetyladenine	O-amino acid	Br
CF <sub>3</sub>	OH	S	2-N-acetyl-8-fluoroguanine	O-amino acid	Br
CF <sub>3</sub>	OH	S	4-N-acetyl-5-fluorocytosine	O-amino acid	Br
CF <sub>3</sub>	OH	S	6-N-acetyl-2-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	OH	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Br
CF <sub>3</sub>	OH	S	6-N-acetyl-2-aminoadenine	O-amino acid	Br
CF <sub>3</sub>	OH	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	OH	S	2-N-acetylaminoadenine	O-amino acid	Br
CF <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	Br
CF <sub>3</sub>	OH	S	2-N-acetyl-amino-8-	O-amino acid	Br

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
			fluorohypoxanthine		
CF <sub>3</sub>	OH	S	2-N-acetylaminohypoxanthine	O-amino acid	Br
CF <sub>3</sub>	OH	S	Thymine	O-acyl	Br
CF <sub>3</sub>	OH	S	Uracil	O-acyl	Br
CF <sub>3</sub>	OH	S	Guanine	O-acyl	Br
CF <sub>3</sub>	OH	S	Cytosine	O-acyl	Br
CF <sub>3</sub>	OH	S	Adenine	O-acyl	Br
CF <sub>3</sub>	OH	S	Hypoxanthine	O-acyl	Br
CF <sub>3</sub>	OH	S	5-Fluorouracil	O-acyl	Br
CF <sub>3</sub>	OH	S	8-Fluoroguanine	O-acyl	Br
CF <sub>3</sub>	OH	S	5-Fluorocytosine	O-acyl	Br
CF <sub>3</sub>	OH	S	8-Fluoroadenine	O-acyl	Br
CF <sub>3</sub>	OH	S	2-Fluoroadenine	O-acyl	Br
CF <sub>3</sub>	OH	S	2,8-Difluoroadenine	O-acyl	Br
CF <sub>3</sub>	OH	S	2-Fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	OH	S	8-Fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	OH	S	2,8-Difluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	OH	S	2-Aminoadenine	O-acyl	Br
CF <sub>3</sub>	OH	S	2-Amino-8-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	OH	S	2-Amino-8-fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	OH	S	2-Aminohypoxanthine	O-acyl	Br
CF <sub>3</sub>	OH	S	2-N-acetylguanine	O-acyl	Br
CF <sub>3</sub>	OH	S	4-N-acetylcytosine	O-acyl	Br
CF <sub>3</sub>	OH	S	6-N-acetyladenine	O-acyl	Br
CF <sub>3</sub>	OH	S	2-N-acetyl-8-fluoroguanine	O-acyl	Br
CF <sub>3</sub>	OH	S	4-N-acetyl-5-fluorocytosine	O-acyl	Br
CF <sub>3</sub>	OH	S	6-N-acetyl-2-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	OH	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	Br
CF <sub>3</sub>	OH	S	6-N-acetyl-2-aminoadenine	O-acyl	Br
CF <sub>3</sub>	OH	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	OH	S	2-N-acetylaminoadenine	O-acyl	Br
CF <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Br
CF <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Br
CF <sub>3</sub>	OH	S	2-N-acetylaminohypoxanthine	O-acyl	Br
CF <sub>3</sub>	OH	S	Thymine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	Uracil	O-amino acid	Cl
CF <sub>3</sub>	OH	S	Guanine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	Cytosine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	Adenine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	Hypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	5-Fluorouracil	O-amino acid	Cl
CF <sub>3</sub>	OH	S	8-Fluoroguanine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	5-Fluorocytosine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	8-Fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	2-Fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	2,8-Difluoroadenine	O-amino acid	Cl

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	OH	S	2-Fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	8-Fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	2,8-Difluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	2-Aminoadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	2-Amino-8-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	2-Amino-8-fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	2-Aminohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	2-N-acetylguanine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	4-N-acetylcytosine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	6-N-acetyladenine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	2-N-acetyl-8-fluoroguanine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	4-N-acetyl-5-fluorocytosine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	6-N-acetyl-2-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	6-N-acetyl-2-aminoadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	2-N-acetylaminoadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	2-N-acetylaminohypoxanthine	O-amino acid	Cl
CF <sub>3</sub>	OH	S	Thymine	O-acyl	Cl
CF <sub>3</sub>	OH	S	Uracil	O-acyl	Cl
CF <sub>3</sub>	OH	S	Guanine	O-acyl	Cl
CF <sub>3</sub>	OH	S	Cytosine	O-acyl	Cl
CF <sub>3</sub>	OH	S	Adenine	O-acyl	Cl
CF <sub>3</sub>	OH	S	Hypoxanthine	O-acyl	Cl
CF <sub>3</sub>	OH	S	5-Fluorouracil	O-acyl	Cl
CF <sub>3</sub>	OH	S	8-Fluoroguanine	O-acyl	Cl
CF <sub>3</sub>	OH	S	5-Fluorocytosine	O-acyl	Cl
CF <sub>3</sub>	OH	S	8-Fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	OH	S	2-Fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	OH	S	2,8-Difluoroadenine	O-acyl	Cl
CF <sub>3</sub>	OH	S	2-Fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	OH	S	8-Fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	OH	S	2,8-Difluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	OH	S	2-Aminoadenine	O-acyl	Cl
CF <sub>3</sub>	OH	S	2-Amino-8-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	OH	S	2-Amino-8-fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	OH	S	2-Aminohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	OH	S	2-N-acetylguanine	O-acyl	Cl
CF <sub>3</sub>	OH	S	4-N-acetylcytosine	O-acyl	Cl
CF <sub>3</sub>	OH	S	6-N-acetyladenine	O-acyl	Cl
CF <sub>3</sub>	OH	S	2-N-acetyl-8-fluoroguanine	O-acyl	Cl
CF <sub>3</sub>	OH	S	4-N-acetyl-5-fluorocytosine	O-acyl	Cl
CF <sub>3</sub>	OH	S	6-N-acetyl-2-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	OH	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	Cl

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	OH	S	6-N-acetyl-2-aminoadenine	O-acyl	Cl
CF <sub>3</sub>	OH	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	OH	S	2-N-acetylaminoadenine	O-acyl	Cl
CF <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Cl
CF <sub>3</sub>	OH	S	2-N-acetylamin-8-fluorohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	OH	S	2-N-acetylaminohypoxanthine	O-acyl	Cl
CF <sub>3</sub>	OH	S	Thymine	O-amino acid	H
CF <sub>3</sub>	OH	S	Uracil	O-amino acid	H
CF <sub>3</sub>	OH	S	Guanine	O-amino acid	H
CF <sub>3</sub>	OH	S	Cytosine	O-amino acid	H
CF <sub>3</sub>	OH	S	Adenine	O-amino acid	H
CF <sub>3</sub>	OH	S	Hypoxanthine	O-amino acid	H
CF <sub>3</sub>	OH	S	5-Fluorouracil	O-amino acid	H
CF <sub>3</sub>	OH	S	8-Fluoroguanine	O-amino acid	H
CF <sub>3</sub>	OH	S	5-Fluorocytosine	O-amino acid	H
CF <sub>3</sub>	OH	S	8-Fluoroadenine	O-amino acid	H
CF <sub>3</sub>	OH	S	2-Fluoroadenine	O-amino acid	H
CF <sub>3</sub>	OH	S	2,8-Difluoroadenine	O-amino acid	H
CF <sub>3</sub>	OH	S	2-Fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	OH	S	8-Fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	OH	S	2,8-Difluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	OH	S	2-Aminoadenine	O-amino acid	H
CF <sub>3</sub>	OH	S	2-Amino-8-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	OH	S	2-Amino-8-fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	OH	S	2-Aminohypoxanthine	O-amino acid	H
CF <sub>3</sub>	OH	S	2-N-acetylguanine	O-amino acid	H
CF <sub>3</sub>	OH	S	4-N-acetylcytosine	O-amino acid	H
CF <sub>3</sub>	OH	S	6-N-acetyladenine	O-amino acid	H
CF <sub>3</sub>	OH	S	2-N-acetyl-8-fluoroguanine	O-amino acid	H
CF <sub>3</sub>	OH	S	4-N-acetyl-5-fluorocytosine	O-amino acid	H
CF <sub>3</sub>	OH	S	6-N-acetyl-2-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	OH	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	H
CF <sub>3</sub>	OH	S	6-N-acetyl-2-aminoadenine	O-amino acid	H
CF <sub>3</sub>	OH	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	OH	S	2-N-acetylaminoadenine	O-amino acid	H
CF <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	H
CF <sub>3</sub>	OH	S	2-N-acetylamin-8-fluorohypoxanthine	O-amino acid	H
CF <sub>3</sub>	OH	S	2-N-acetylaminohypoxanthine	O-amino acid	H
CF <sub>3</sub>	OH	S	Thymine	O-acyl	H
CF <sub>3</sub>	OH	S	Uracil	O-acyl	H
CF <sub>3</sub>	OH	S	Guanine	O-acyl	H
CF <sub>3</sub>	OH	S	Cytosine	O-acyl	H
CF <sub>3</sub>	OH	S	Adenine	O-acyl	H
CF <sub>3</sub>	OH	S	Hypoxanthine	O-acyl	H
CF <sub>3</sub>	OH	S	5-Fluorouracil	O-acyl	H

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	OH	S	8-Fluoroguanine	O-acyl	H
CF <sub>3</sub>	OH	S	5-Fluorocytosine	O-acyl	H
CF <sub>3</sub>	OH	S	8-Fluoroadenine	O-acyl	H
CF <sub>3</sub>	OH	S	2-Fluoroadenine	O-acyl	H
CF <sub>3</sub>	OH	S	2,8-Difluoroadenine	O-acyl	H
CF <sub>3</sub>	OH	S	2-Fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	OH	S	8-Fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	OH	S	2,8-Difluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	OH	S	2-Aminoadenine	O-acyl	H
CF <sub>3</sub>	OH	S	2-Amino-8-fluoroadenine	O-acyl	H
CF <sub>3</sub>	OH	S	2-Amino-8-fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	OH	S	2-Aminohypoxanthine	O-acyl	H
CF <sub>3</sub>	OH	S	2-N-acetylguanine	O-acyl	H
CF <sub>3</sub>	OH	S	4-N-acetylcytosine	O-acyl	H
CF <sub>3</sub>	OH	S	6-N-acetyladenine	O-acyl	H
CF <sub>3</sub>	OH	S	2-N-acetyl-8-fluoroguanine	O-acyl	H
CF <sub>3</sub>	OH	S	4-N-acetyl-5-fluorocytosine	O-acyl	H
CF <sub>3</sub>	OH	S	6-N-acetyl-2-fluoroadenine	O-acyl	H
CF <sub>3</sub>	OH	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	H
CF <sub>3</sub>	OH	S	6-N-acetyl-2-aminoadenine	O-acyl	H
CF <sub>3</sub>	OH	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	H
CF <sub>3</sub>	OH	S	2-N-acetylaminoadenine	O-acyl	H
CF <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	H
CF <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	H
CF <sub>3</sub>	H	S	2-N-acetylaminohypoxanthine	O-acyl	H
CF <sub>3</sub>	H	S	Thymine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Uracil	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Guanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Cytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Adenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Hypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	5-Fluorouracil	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	8-Fluoroguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	5-Fluorocytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	8-Fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2,8-Difluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	8-Fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2,8-Difluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Aminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Aminohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetylguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	4-N-acetylcytosine	O-amino acid	O-amino acid

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	H	S	6-N-acetyladenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetyl-8-fluoroguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	4-N-acetyl-5-fluorocytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-2-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-2-aminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetylaminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetylaminohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Thymine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Uracil	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Guanine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Cytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Adenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Hypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	5-Fluorouracil	O-acyl	O-acyl
CF <sub>3</sub>	H	S	8-Fluoroguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	5-Fluorocytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	8-Fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2,8-Difluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	8-Fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2,8-Difluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Aminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Amino-8-fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Aminohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetylguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	4-N-acetylcytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyladenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetyl-8-fluoroguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	4-N-acetyl-5-fluorocytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyl-2-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyl-2-aminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetylaminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetylaminohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Thymine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Uracil	O-amino acid	O-amino acid

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	H	S	Guanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Cytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Adenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Hypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	5-Fluorouracil	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	8-Fluoroguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	5-Fluorocytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	8-Fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2,8-Difluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	8-Fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2,8-Difluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Aminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Aminohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetylguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	4-N-acetylcytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyladenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetyl-8-fluoroguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	4-N-acetyl-5-fluorocytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-2-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-2-aminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetylaminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetylaminohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Thymine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Uracil	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Guanine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Cytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Adenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Hypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	5-Fluorouracil	O-acyl	O-acyl
CF <sub>3</sub>	H	S	8-Fluoroguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	5-Fluorocytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	8-Fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2,8-Difluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	8-Fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2,8-Difluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Aminoadenine	O-acyl	O-acyl



<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	H	S	2-Amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Amino-8-fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Aminohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetylguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	4-N-acetylcytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyladenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetyl-8-fluoroguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	4-N-acetyl-5-fluorocytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyl-2-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyl-2-aminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetylaminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetylaminohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Thymine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Uracil	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Guanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Cytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Adenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Hypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	5-Fluorouracil	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	8-Fluoroguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	5-Fluorocytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	8-Fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2,8-Difluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	8-Fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2,8-Difluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Aminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Aminohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetylguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	4-N-acetylcytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyladenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetyl-8-fluoroguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	4-N-acetyl-5-fluorocytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-2-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-2-aminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetylaminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	O-amino acid

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	H	S	2-N-acetylamino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetylaminohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Thymine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Uracil	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Guanine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Cytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Adenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Hypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	5-Fluorouracil	O-acyl	O-acyl
CF <sub>3</sub>	H	S	8-Fluoroguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	5-Fluorocytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	8-Fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2,8-Difluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	8-Fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2,8-Difluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Aminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Amino-8-fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Aminohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetylguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	4-N-acetylcytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyladenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetyl-8-fluoroguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	4-N-acetyl-5-fluorocytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyl-2-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyl-2-aminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetylaminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetylamino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetylamino-8-fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetylaminohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Thymine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Uracil	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Guanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Cytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Adenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Hypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	5-Fluorouracil	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	8-Fluoroguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	5-Fluorocytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	8-Fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Fluoroadenine	O-amino acid	O-amino acid

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	H	S	2,8-Difluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	8-Fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2,8-Difluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Aminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Aminohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetylguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	4-N-acetylcytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyladenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetyl-8-fluoroguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	4-N-acetyl-5-fluorocytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-2-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-2-aminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetylaminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetylaminohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Thymine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Uracil	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Guanine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Cytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Adenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Hypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	5-Fluorouracil	O-acyl	O-acyl
CF <sub>3</sub>	H	S	8-Fluoroguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	5-Fluorocytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	8-Fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2,8-Difluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	8-Fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2,8-Difluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Aminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Amino-8-fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Aminohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetylguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	4-N-acetylcytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyladenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetyl-8-fluoroguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	4-N-acetyl-5-fluorocytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyl-2-fluoroadenine	O-acyl	O-acyl

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CF <sub>3</sub>	H	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyl-2-aminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetylaminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetylamin-8-fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetylaminohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Thymine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Uracil	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Guanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Cytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Adenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Hypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	5-Fluorouracil	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	8-Fluoroguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	5-Fluorocytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	8-Fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2,8-Difluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	8-Fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2,8-Difluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Aminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-Aminohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetylguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	4-N-acetylcytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-adenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetyl-8-fluoroguanine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	4-N-acetyl-5-fluorocytosine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-2-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-2-aminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetylaminoadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetylamin-8-fluoroadenine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetylamin-8-fluorohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	2-N-acetylaminohypoxanthine	O-amino acid	O-amino acid
CF <sub>3</sub>	H	S	Thymine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Uracil	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Guanine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Cytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Adenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	Hypoxanthine	O-acyl	O-acyl

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CF <sub>3</sub>	H	S	5-Fluorouracil	O-acyl	O-acyl
CF <sub>3</sub>	H	S	8-Fluoroguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	5-Fluorocytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	8-Fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2,8-Difluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	8-Fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2,8-Difluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Aminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Amino-8-fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-Aminohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetylguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	4-N-acetylcytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyladenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetyl-8-fluoroguanine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	4-N-acetyl-5-fluorocytosine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyl-2-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyl-2-aminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetylaminoadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	O-acyl
CF <sub>3</sub>	H	S	2-N-acetylaminohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	O-acyl	S	Thymine	H	F
CH <sub>3</sub>	O-acyl	S	Uracil	H	F
CH <sub>3</sub>	O-acyl	S	Guanine	H	F
CH <sub>3</sub>	O-acyl	S	Cytosine	H	F
CH <sub>3</sub>	O-acyl	S	Adenine	H	F
CH <sub>3</sub>	O-acyl	S	Hypoxanthine	H	F
CH <sub>3</sub>	O-acyl	S	5-Fluorouracil	H	F
CH <sub>3</sub>	O-acyl	S	8-Fluoroguanine	H	F
CH <sub>3</sub>	O-acyl	S	5-Fluorocytosine	H	F
CH <sub>3</sub>	O-acyl	S	8-Fluoroadenine	H	F
CH <sub>3</sub>	O-acyl	S	2-Fluoroadenine	H	F
CH <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	H	F
CH <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	H	F
CH <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	H	F
CH <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	H	F
CH <sub>3</sub>	O-acyl	S	2-Aminoadenine	H	F
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	H	F
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	H	F
CH <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	H	F
CH <sub>3</sub>	O-acyl	S	2-N-acetylguanine	H	F

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	H	F
CH <sub>3</sub>	O-acyl	S	6-N-acetyl原因	H	F
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	H	F
CH <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	H	F
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	H	F
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	H	F
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	H	F
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	H	F
CH <sub>3</sub>	O-acyl	S	2-N-acetyl原因	H	F
CH <sub>3</sub>	O-acyl	S	2-N-acetyl原因-8-fluoroadenine	H	F
CH <sub>3</sub>	O-acyl	S	2-N-acetyl原因-8-fluorohypoxanthine	H	F
CH <sub>3</sub>	O-acyl	S	2-N-acetyl原因hypoxanthine	H	F
CH <sub>3</sub>	O-acyl	S	Thymine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	Uracil	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	Guanine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	Cytosine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	Adenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	Hypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	5-Fluorouracil	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	8-Fluoroguanine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	5-Fluorocytosine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	8-Fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	2-Fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	2-Aminoadenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	2-N-acetyl原因	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	6-N-acetyl原因	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	2-N-acetyl原因	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	2-N-acetyl原因-8-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	2-N-acetyl原因-8-fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	2-N-acetyl原因hypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-acyl	S	Thymine	O-acyl	F

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	O-acyl	S	Uracil	O-acyl	F
CH <sub>3</sub>	O-acyl	S	Guanine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	Cytosine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	Adenine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	Hypoxanthine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	5-Fluorouracil	O-acyl	F
CH <sub>3</sub>	O-acyl	S	8-Fluoroguanine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	5-Fluorocytosine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	8-Fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	2-Fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	2-Aminoadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	2-N-acetylguanine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	6-N-acetyladenine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-acyl	S	Thymine	OH	F
CH <sub>3</sub>	O-acyl	S	Uracil	OH	F
CH <sub>3</sub>	O-acyl	S	Guanine	OH	F
CH <sub>3</sub>	O-acyl	S	Cytosine	OH	F
CH <sub>3</sub>	O-acyl	S	Adenine	OH	F
CH <sub>3</sub>	O-acyl	S	Hypoxanthine	OH	F
CH <sub>3</sub>	O-acyl	S	5-Fluorouracil	OH	F
CH <sub>3</sub>	O-acyl	S	8-Fluoroguanine	OH	F
CH <sub>3</sub>	O-acyl	S	5-Fluorocytosine	OH	F
CH <sub>3</sub>	O-acyl	S	8-Fluoroadenine	OH	F
CH <sub>3</sub>	O-acyl	S	2-Fluoroadenine	OH	F
CH <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	OH	F
CH <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	OH	F
CH <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	OH	F
CH <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	OH	F

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	O-acyl	S	2-Aminoadenine	OH	F
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	OH	F
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	OH	F
CH <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	OH	F
CH <sub>3</sub>	O-acyl	S	2-N-acetylguanine	OH	F
CH <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	OH	F
CH <sub>3</sub>	O-acyl	S	6-N-acetyladenine	OH	F
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	OH	F
CH <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	OH	F
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	OH	F
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	OH	F
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	OH	F
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	OH	F
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	OH	F
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluoroadenine	OH	F
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluorohypoxanthine	OH	F
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	OH	F
CH <sub>3</sub>	O-acyl	S	Thymine	H	Br
CH <sub>3</sub>	O-acyl	S	Uracil	H	Br
CH <sub>3</sub>	O-acyl	S	Guanine	H	Br
CH <sub>3</sub>	O-acyl	S	Cytosine	H	Br
CH <sub>3</sub>	O-acyl	S	Adenine	H	Br
CH <sub>3</sub>	O-acyl	S	Hypoxanthine	H	Br
CH <sub>3</sub>	O-acyl	S	5-Fluorouracil	H	Br
CH <sub>3</sub>	O-acyl	S	8-Fluoroguanine	H	Br
CH <sub>3</sub>	O-acyl	S	5-Fluorocytosine	H	Br
CH <sub>3</sub>	O-acyl	S	8-Fluoroadenine	H	Br
CH <sub>3</sub>	O-acyl	S	2-Fluoroadenine	H	Br
CH <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	H	Br
CH <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	H	Br
CH <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	H	Br
CH <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	H	Br
CH <sub>3</sub>	O-acyl	S	2-Aminoadenine	H	Br
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	H	Br
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	H	Br
CH <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	H	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetylguanine	H	Br
CH <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	H	Br
CH <sub>3</sub>	O-acyl	S	6-N-acetyladenine	H	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	H	Br
CH <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	H	Br
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	H	Br
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	H	Br
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	H	Br
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	H	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	H	Br



R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluoroadenine	H	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluorohypoxanthine	H	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	H	Br
CH <sub>3</sub>	O-acyl	S	Thymine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	Uracil	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	Guanine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	Cytosine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	Adenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	Hypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	5-Fluorouracil	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	8-Fluoroguanine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	5-Fluorocytosine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	8-Fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	2-Fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	2-Aminoadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetylguanine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	6-N-acetyladenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-acyl	S	Thymine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	Uracil	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	Guanine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	Cytosine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	Adenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	Hypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	5-Fluorouracil	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	8-Fluoroguanine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	5-Fluorocytosine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	8-Fluoroadenine	O-acyl	Br

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-acyl	S	2-Fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	2-Aminoadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetylguanine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	6-N-acetylguanine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-acyl	S	Thymine	OH	Br
CH <sub>3</sub>	O-acyl	S	Uracil	OH	Br
CH <sub>3</sub>	O-acyl	S	Guanine	OH	Br
CH <sub>3</sub>	O-acyl	S	Cytosine	OH	Br
CH <sub>3</sub>	O-acyl	S	Adenine	OH	Br
CH <sub>3</sub>	O-acyl	S	Hypoxanthine	OH	Br
CH <sub>3</sub>	O-acyl	S	5-Fluorouracil	OH	Br
CH <sub>3</sub>	O-acyl	S	8-Fluoroguanine	OH	Br
CH <sub>3</sub>	O-acyl	S	5-Fluorocytosine	OH	Br
CH <sub>3</sub>	O-acyl	S	8-Fluoroadenine	OH	Br
CH <sub>3</sub>	O-acyl	S	2-Fluoroadenine	OH	Br
CH <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	OH	Br
CH <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	OH	Br
CH <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	OH	Br
CH <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	OH	Br
CH <sub>3</sub>	O-acyl	S	2-Aminoadenine	OH	Br
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	OH	Br
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	OH	Br
CH <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	OH	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetylguanine	OH	Br
CH <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	OH	Br
CH <sub>3</sub>	O-acyl	S	6-N-acetylguanine	OH	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	OH	Br
CH <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	OH	Br

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	OH	Br
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	OH	Br
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	OH	Br
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	OH	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	OH	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluoroadenine	OH	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluorohypoxanthine	OH	Br
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	OH	Br
CH <sub>3</sub>	O-acyl	S	Thymine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	Uracil	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	Guanine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	Cytosine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	Adenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	Hypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	5-Fluorouracil	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	8-Fluoroguanine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	5-Fluorocytosine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	8-Fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	2-Fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	2-Aminoadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetylguanine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	6-N-acetyladenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-acyl	S	Thymine	OH	Cl
CH <sub>3</sub>	O-acyl	S	Uracil	OH	Cl
CH <sub>3</sub>	O-acyl	S	Guanine	OH	Cl
CH <sub>3</sub>	O-acyl	S	Cytosine	OH	Cl
CH <sub>3</sub>	O-acyl	S	Adenine	OH	Cl

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-acyl	S	Hypoxanthine	OH	Cl
CH <sub>3</sub>	O-acyl	S	5-Fluorouracil	OH	Cl
CH <sub>3</sub>	O-acyl	S	8-Fluoroguanine	OH	Cl
CH <sub>3</sub>	O-acyl	S	5-Fluorocytosine	OH	Cl
CH <sub>3</sub>	O-acyl	S	8-Fluoroadenine	OH	Cl
CH <sub>3</sub>	O-acyl	S	2-Fluoroadenine	OH	Cl
CH <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	OH	Cl
CH <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	OH	Cl
CH <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	OH	Cl
CH <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	OH	Cl
CH <sub>3</sub>	O-acyl	S	2-Aminoadenine	OH	Cl
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	OH	Cl
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	OH	Cl
CH <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	OH	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetylguanine	OH	Cl
CH <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	OH	Cl
CH <sub>3</sub>	O-acyl	S	6-N-acetyladenine	OH	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	OH	Cl
CH <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	OH	Cl
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	OH	Cl
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	OH	Cl
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	OH	Cl
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	OH	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	OH	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluoroadenine	OH	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluorohypoxanthine	OH	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	OH	Cl
CH <sub>3</sub>	O-acyl	S	Thymine	H	Cl
CH <sub>3</sub>	O-acyl	S	Uracil	H	Cl
CH <sub>3</sub>	O-acyl	S	Guanine	H	Cl
CH <sub>3</sub>	O-acyl	S	Cytosine	H	Cl
CH <sub>3</sub>	O-acyl	S	Adenine	H	Cl
CH <sub>3</sub>	O-acyl	S	Hypoxanthine	H	Cl
CH <sub>3</sub>	O-acyl	S	5-Fluorouracil	H	Cl
CH <sub>3</sub>	O-acyl	S	8-Fluoroguanine	H	Cl
CH <sub>3</sub>	O-acyl	S	5-Fluorocytosine	H	Cl
CH <sub>3</sub>	O-acyl	S	8-Fluoroadenine	H	Cl
CH <sub>3</sub>	O-acyl	S	2-Fluoroadenine	H	Cl
CH <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	H	Cl
CH <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	H	Cl
CH <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	H	Cl
CH <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	H	Cl
CH <sub>3</sub>	O-acyl	S	2-Aminoadenine	H	Cl
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	H	Cl
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	H	Cl
CH <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	H	Cl

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	O-acyl	S	2-N-acetylguanine	H	Cl
CH <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	H	Cl
CH <sub>3</sub>	O-acyl	S	6-N-acetyladenine	H	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	H	Cl
CH <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	H	Cl
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	H	Cl
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	H	Cl
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	H	Cl
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	H	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	H	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluoroadenine	H	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluorohypoxanthine	H	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	H	Cl
CH <sub>3</sub>	O-acyl	S	Thymine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	Uracil	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	Guanine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	Cytosine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	Adenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	Hypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	5-Fluorouracil	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	8-Fluoroguanine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	5-Fluorocytosine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	8-Fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	2-Fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	2-Aminoadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetylguanine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	6-N-acetyladenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	O-amino acid	Cl

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-acyl	S	Thymine	H	H
CH <sub>3</sub>	O-acyl	S	Uracil	H	H
CH <sub>3</sub>	O-acyl	S	Guanine	H	H
CH <sub>3</sub>	O-acyl	S	Cytosine	H	H
CH <sub>3</sub>	O-acyl	S	Adenine	H	H
CH <sub>3</sub>	O-acyl	S	Hypoxanthine	H	H
CH <sub>3</sub>	O-acyl	S	5-Fluorouracil	H	H
CH <sub>3</sub>	O-acyl	S	8-Fluoroguanine	H	H
CH <sub>3</sub>	O-acyl	S	5-Fluorocytosine	H	H
CH <sub>3</sub>	O-acyl	S	8-Fluoroadenine	H	H
CH <sub>3</sub>	O-acyl	S	2-Fluoroadenine	H	H
CH <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	H	H
CH <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	H	H
CH <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	H	H
CH <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	H	H
CH <sub>3</sub>	O-acyl	S	2-Aminoadenine	H	H
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	H	H
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	H	H
CH <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	H	H
CH <sub>3</sub>	O-acyl	S	2-N-acetylguanine	H	H
CH <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	H	H
CH <sub>3</sub>	O-acyl	S	6-N-acetyladenine	H	H
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	H	H
CH <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	H	H
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	H	H
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	H	H
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	H	H
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	H	H
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	H	H
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluoroadenine	H	H
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluorohypoxanthine	H	H
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	H	H
CH <sub>3</sub>	O-acyl	S	Thymine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	Uracil	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	Guanine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	Cytosine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	Adenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	Hypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	5-Fluorouracil	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	8-Fluoroguanine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	5-Fluorocytosine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	8-Fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	2-Fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	O-amino acid	H

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	2-Aminoadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	2-N-acetylguanine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	6-N-acetyladenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-acyl	S	Thymine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	Uracil	O-acyl	H
CH <sub>3</sub>	O-acyl	S	Guanine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	Cytosine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	Adenine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	Hypoxanthine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	5-Fluorouracil	O-acyl	H
CH <sub>3</sub>	O-acyl	S	8-Fluoroguanine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	5-Fluorocytosine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	8-Fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	2-Fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	2-Aminoadenine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	2-N-acetylguanine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	6-N-acetyladenine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	H

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-acyl	S	Thymine	OH	H
CH <sub>3</sub>	O-acyl	S	Uracil	OH	H
CH <sub>3</sub>	O-acyl	S	Guanine	OH	H
CH <sub>3</sub>	O-acyl	S	Cytosine	OH	H
CH <sub>3</sub>	O-acyl	S	Adenine	OH	H
CH <sub>3</sub>	O-acyl	S	Hypoxanthine	OH	H
CH <sub>3</sub>	O-acyl	S	5-Fluorouracil	OH	H
CH <sub>3</sub>	O-acyl	S	8-Fluoroguanine	OH	H
CH <sub>3</sub>	O-acyl	S	5-Fluorocytosine	OH	H
CH <sub>3</sub>	O-acyl	S	8-Fluoroadenine	OH	H
CH <sub>3</sub>	O-acyl	S	2-Fluoroadenine	OH	H
CH <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	OH	H
CH <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	OH	H
CH <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	OH	H
CH <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	OH	H
CH <sub>3</sub>	O-acyl	S	2-Aminoadenine	OH	H
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	OH	H
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	OH	H
CH <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	OH	H
CH <sub>3</sub>	O-acyl	S	2-N-acetylguanine	OH	H
CH <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	OH	H
CH <sub>3</sub>	O-acyl	S	6-N-acetyladenine	OH	H
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	OH	H
CH <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	OH	H
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	OH	H
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	OH	H
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	OH	H
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	OH	H
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	OH	H
CH <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluoroadenine	OH	H
CH <sub>3</sub>	O-acyl	S	2-N-acetylamino-8-fluorohypoxanthine	OH	H
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	OH	H
CH <sub>3</sub>	O-acyl	S	Thymine	H	OH
CH <sub>3</sub>	O-acyl	S	Uracil	H	OH
CH <sub>3</sub>	O-acyl	S	Guanine	H	OH
CH <sub>3</sub>	O-acyl	S	Cytosine	H	OH
CH <sub>3</sub>	O-acyl	S	Adenine	H	OH
CH <sub>3</sub>	O-acyl	S	Hypoxanthine	H	OH
CH <sub>3</sub>	O-acyl	S	5-Fluorouracil	H	OH
CH <sub>3</sub>	O-acyl	S	8-Fluoroguanine	H	OH
CH <sub>3</sub>	O-acyl	S	5-Fluorocytosine	H	OH



R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-acyl	S	8-Fluoroadenine	H	OH
CH <sub>3</sub>	O-acyl	S	2-Fluoroadenine	H	OH
CH <sub>3</sub>	O-acyl	S	2,8-Difluoroadenine	H	OH
CH <sub>3</sub>	O-acyl	S	2-Fluorohypoxanthine	H	OH
CH <sub>3</sub>	O-acyl	S	8-Fluorohypoxanthine	H	OH
CH <sub>3</sub>	O-acyl	S	2,8-Difluorohypoxanthine	H	OH
CH <sub>3</sub>	O-acyl	S	2-Aminoadenine	H	OH
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluoroadenine	H	OH
CH <sub>3</sub>	O-acyl	S	2-Amino-8-fluorohypoxanthine	H	OH
CH <sub>3</sub>	O-acyl	S	2-Aminohypoxanthine	H	OH
CH <sub>3</sub>	O-acyl	S	2-N-acetylguanine	H	OH
CH <sub>3</sub>	O-acyl	S	4-N-acetylcytosine	H	OH
CH <sub>3</sub>	O-acyl	S	6-N-acetyladenine	H	OH
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-8-fluoroguanine	H	OH
CH <sub>3</sub>	O-acyl	S	4-N-acetyl-5-fluorocytosine	H	OH
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-fluoroadenine	H	OH
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2,8-difluoroadenine	H	OH
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-aminoadenine	H	OH
CH <sub>3</sub>	O-acyl	S	6-N-acetyl-2-amino-8-fluoroadenine	H	OH
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminoadenine	H	OH
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluoroadenine	H	OH
CH <sub>3</sub>	O-acyl	S	2-N-acetyl-amino-8-fluorohypoxanthine	H	OH
CH <sub>3</sub>	O-acyl	S	2-N-acetylaminohypoxanthine	H	OH
CH <sub>3</sub>	O-amino acid	S	Thymine	H	F
CH <sub>3</sub>	O-amino acid	S	Uracil	H	F
CH <sub>3</sub>	O-amino acid	S	Guanine	H	F
CH <sub>3</sub>	O-amino acid	S	Cytosine	H	F
CH <sub>3</sub>	O-amino acid	S	Adenine	H	F
CH <sub>3</sub>	O-amino acid	S	Hypoxanthine	H	F
CH <sub>3</sub>	O-amino acid	S	5-Fluorouracil	H	F
CH <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	H	F
CH <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	H	F
CH <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	H	F
CH <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	H	F
CH <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	H	F
CH <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	H	F
CH <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	H	F
CH <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	H	F
CH <sub>3</sub>	O-amino acid	S	2-Aminoadenine	H	F
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	H	F
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	H	F
CH <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	H	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	H	F
CH <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	H	F
CH <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	H	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	H	F

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	H	F
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	H	F
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	H	F
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	H	F
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	H	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	H	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	H	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	H	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	H	F
CH <sub>3</sub>	O-amino acid	S	Thymine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	Uracil	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	Guanine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	Cytosine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	Adenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	Hypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	5-Fluorouracil	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	2-Aminoadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-adenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	O-amino acid	F
CH <sub>3</sub>	O-amino acid	S	Thymine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	Uracil	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	Guanine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	Cytosine	O-acyl	F

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-amino acid	S	Adenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	Hypoxanthine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	5-Fluorouracil	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	2-Aminoadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	O-acyl	F
CH <sub>3</sub>	O-amino acid	S	Thymine	OH	F
CH <sub>3</sub>	O-amino acid	S	Uracil	OH	F
CH <sub>3</sub>	O-amino acid	S	Guanine	OH	F
CH <sub>3</sub>	O-amino acid	S	Cytosine	OH	F
CH <sub>3</sub>	O-amino acid	S	Adenine	OH	F
CH <sub>3</sub>	O-amino acid	S	Hypoxanthine	OH	F
CH <sub>3</sub>	O-amino acid	S	5-Fluorouracil	OH	F
CH <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	OH	F
CH <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	OH	F
CH <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	OH	F
CH <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	OH	F
CH <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	OH	F
CH <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	OH	F
CH <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	OH	F
CH <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	OH	F
CH <sub>3</sub>	O-amino acid	S	2-Aminoadenine	OH	F
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	OH	F
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	OH	F

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	OH	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	OH	F
CH <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	OH	F
CH <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	OH	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	OH	F
CH <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	OH	F
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	OH	F
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	OH	F
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	OH	F
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	OH	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	OH	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	OH	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	OH	F
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	OH	F
CH <sub>3</sub>	O-amino acid	S	Thymine	H	Br
CH <sub>3</sub>	O-amino acid	S	Uracil	H	Br
CH <sub>3</sub>	O-amino acid	S	Guanine	H	Br
CH <sub>3</sub>	O-amino acid	S	Cytosine	H	Br
CH <sub>3</sub>	O-amino acid	S	Adenine	H	Br
CH <sub>3</sub>	O-amino acid	S	Hypoxanthine	H	Br
CH <sub>3</sub>	O-amino acid	S	5-Fluorouracil	H	Br
CH <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	H	Br
CH <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	H	Br
CH <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	H	Br
CH <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	H	Br
CH <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	H	Br
CH <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	H	Br
CH <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	H	Br
CH <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	H	Br
CH <sub>3</sub>	O-amino acid	S	2-Aminoadenine	H	Br
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	H	Br
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	H	Br
CH <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	H	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	H	Br
CH <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	H	Br
CH <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	H	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	H	Br
CH <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	H	Br
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	H	Br
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	H	Br
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	H	Br
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	H	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	H	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	H	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	H	Br

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	H	Br
CH <sub>3</sub>	O-amino acid	S	Thymine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	Uracil	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	Guanine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	Cytosine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	Adenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	Hypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	5-Fluorouracil	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	2-Aminoadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	O-amino acid	S	Thymine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	Uracil	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	Guanine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	Cytosine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	Adenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	Hypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	5-Fluorouracil	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	O-acyl	Br

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	2-Aminoadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	O-acyl	Br
CH <sub>3</sub>	O-amino acid	S	Thymine	OH	Br
CH <sub>3</sub>	O-amino acid	S	Uracil	OH	Br
CH <sub>3</sub>	O-amino acid	S	Guanine	OH	Br
CH <sub>3</sub>	O-amino acid	S	Cytosine	OH	Br
CH <sub>3</sub>	O-amino acid	S	Adenine	OH	Br
CH <sub>3</sub>	O-amino acid	S	Hypoxanthine	OH	Br
CH <sub>3</sub>	O-amino acid	S	5-Fluorouracil	OH	Br
CH <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	OH	Br
CH <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	OH	Br
CH <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	OH	Br
CH <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	OH	Br
CH <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	OH	Br
CH <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	OH	Br
CH <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	OH	Br
CH <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	OH	Br
CH <sub>3</sub>	O-amino acid	S	2-Aminoadenine	OH	Br
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	OH	Br
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	OH	Br
CH <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	OH	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	OH	Br
CH <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	OH	Br
CH <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	OH	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	OH	Br
CH <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	OH	Br
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	OH	Br
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	OH	Br
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	OH	Br

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	OH	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	OH	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	OH	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	OH	Br
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	OH	Br
CH <sub>3</sub>	O-amino acid	S	Thymine	H	Cl
CH <sub>3</sub>	O-amino acid	S	Uracil	H	Cl
CH <sub>3</sub>	O-amino acid	S	Guanine	H	Cl
CH <sub>3</sub>	O-amino acid	S	Cytosine	H	Cl
CH <sub>3</sub>	O-amino acid	S	Adenine	H	Cl
CH <sub>3</sub>	O-amino acid	S	Hypoxanthine	H	Cl
CH <sub>3</sub>	O-amino acid	S	5-Fluorouracil	H	Cl
CH <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	H	Cl
CH <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	H	Cl
CH <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	H	Cl
CH <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	H	Cl
CH <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	H	Cl
CH <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	H	Cl
CH <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	H	Cl
CH <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	H	Cl
CH <sub>3</sub>	O-amino acid	S	2-Aminoadenine	H	Cl
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	H	Cl
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	H	Cl
CH <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	H	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	H	Cl
CH <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	H	Cl
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-adenine	H	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	H	Cl
CH <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	H	Cl
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	H	Cl
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	H	Cl
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	H	Cl
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	H	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	H	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	H	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	H	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	H	Cl
CH <sub>3</sub>	O-amino acid	S	Thymine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	Uracil	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	Guanine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	Cytosine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	Adenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	Hypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	5-Fluorouracil	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	O-amino acid	Cl

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	2-Aminoadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl原因	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	O-amino acid	S	Thymine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	Uracil	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	Guanine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	Cytosine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	Adenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	Hypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	5-Fluorouracil	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	2-Aminoadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl原因	O-acyl	Cl



R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	O-amino acid	S	Thymine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	Uracil	OH	Cl
CH <sub>3</sub>	O-amino acid	S	Guanine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	Cytosine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	Adenine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	Hypoxanthine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	5-Fluorouracil	OH	Cl
CH <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	2-Aminoadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-adenine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	OH	Cl
CH <sub>3</sub>	O-amino acid	S	Thymine	H	H
CH <sub>3</sub>	O-amino acid	S	Uracil	H	H
CH <sub>3</sub>	O-amino acid	S	Guanine	H	H

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-amino acid	S	Cytosine	H	H
CH <sub>3</sub>	O-amino acid	S	Adenine	H	H
CH <sub>3</sub>	O-amino acid	S	Hypoxanthine	H	H
CH <sub>3</sub>	O-amino acid	S	5-Fluorouracil	H	H
CH <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	H	H
CH <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	H	H
CH <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	H	H
CH <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	H	H
CH <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	H	H
CH <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	H	H
CH <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	H	H
CH <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	H	H
CH <sub>3</sub>	O-amino acid	S	2-Aminoadenine	H	H
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	H	H
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	H	H
CH <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	H	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	H	H
CH <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	H	H
CH <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	H	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	H	H
CH <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	H	H
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	H	H
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	H	H
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	H	H
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	H	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	H	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	H	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	H	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	H	H
CH <sub>3</sub>	O-amino acid	S	Thymine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	Uracil	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	Guanine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	Cytosine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	Adenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	Hypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	5-Fluorouracil	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	2-Aminoadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	O-amino acid	H

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	O-amino acid	H
CH <sub>3</sub>	O-amino acid	S	Thymine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	Uracil	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	Guanine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	Cytosine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	Adenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	Hypoxanthine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	5-Fluorouracil	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	2-Aminoadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-	O-acyl	H

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
			fluorohypoxanthine		
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	O-acyl	H
CH <sub>3</sub>	O-amino acid	S	Thymine	OH	H
CH <sub>3</sub>	O-amino acid	S	Uracil	OH	H
CH <sub>3</sub>	O-amino acid	S	Guanine	OH	H
CH <sub>3</sub>	O-amino acid	S	Cytosine	OH	H
CH <sub>3</sub>	O-amino acid	S	Adenine	OH	H
CH <sub>3</sub>	O-amino acid	S	Hypoxanthine	OH	H
CH <sub>3</sub>	O-amino acid	S	5-Fluorouracil	OH	H
CH <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	OH	H
CH <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	OH	H
CH <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	OH	H
CH <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	OH	H
CH <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	OH	H
CH <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	OH	H
CH <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	OH	H
CH <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	OH	H
CH <sub>3</sub>	O-amino acid	S	2-Aminoadenine	OH	H
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	OH	H
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	OH	H
CH <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	OH	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	OH	H
CH <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	OH	H
CH <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	OH	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	OH	H
CH <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	OH	H
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	OH	H
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	OH	H
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	OH	H
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	OH	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	OH	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	OH	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	OH	H
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminohypoxanthine	OH	H
CH <sub>3</sub>	O-amino acid	S	Thymine	H	OH
CH <sub>3</sub>	O-amino acid	S	Uracil	H	OH
CH <sub>3</sub>	O-amino acid	S	Guanine	H	OH
CH <sub>3</sub>	O-amino acid	S	Cytosine	H	OH
CH <sub>3</sub>	O-amino acid	S	Adenine	H	OH
CH <sub>3</sub>	O-amino acid	S	Hypoxanthine	H	OH
CH <sub>3</sub>	O-amino acid	S	5-Fluorouracil	H	OH
CH <sub>3</sub>	O-amino acid	S	8-Fluoroguanine	H	OH
CH <sub>3</sub>	O-amino acid	S	5-Fluorocytosine	H	OH
CH <sub>3</sub>	O-amino acid	S	8-Fluoroadenine	H	OH
CH <sub>3</sub>	O-amino acid	S	2-Fluoroadenine	H	OH
CH <sub>3</sub>	O-amino acid	S	2,8-Difluoroadenine	H	OH

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	O-amino acid	S	2-Fluorohypoxanthine	H	OH
CH <sub>3</sub>	O-amino acid	S	8-Fluorohypoxanthine	H	OH
CH <sub>3</sub>	O-amino acid	S	2,8-Difluorohypoxanthine	H	OH
CH <sub>3</sub>	O-amino acid	S	2-Aminoadenine	H	OH
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluoroadenine	H	OH
CH <sub>3</sub>	O-amino acid	S	2-Amino-8-fluorohypoxanthine	H	OH
CH <sub>3</sub>	O-amino acid	S	2-Aminohypoxanthine	H	OH
CH <sub>3</sub>	O-amino acid	S	2-N-acetylguanine	H	OH
CH <sub>3</sub>	O-amino acid	S	4-N-acetylcytosine	H	OH
CH <sub>3</sub>	O-amino acid	S	6-N-acetyladenine	H	OH
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-8-fluoroguanine	H	OH
CH <sub>3</sub>	O-amino acid	S	4-N-acetyl-5-fluorocytosine	H	OH
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-fluoroadenine	H	OH
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2,8-difluoroadenine	H	OH
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-aminoadenine	H	OH
CH <sub>3</sub>	O-amino acid	S	6-N-acetyl-2-amino-8-fluoroadenine	H	OH
CH <sub>3</sub>	O-amino acid	S	2-N-acetylaminoadenine	H	OH
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluoroadenine	H	OH
CH <sub>3</sub>	O-amino acid	S	2-N-acetyl-amino-8-fluorohypoxanthine	H	OH
CH <sub>3</sub>	OH	S	2-N-acetylaminohypoxanthine	H	OH
CH <sub>3</sub>	OH	S	Thymine	O-amino acid	F
CH <sub>3</sub>	OH	S	Uracil	O-amino acid	F
CH <sub>3</sub>	OH	S	Guanine	O-amino acid	F
CH <sub>3</sub>	OH	S	Cytosine	O-amino acid	F
CH <sub>3</sub>	OH	S	Adenine	O-amino acid	F
CH <sub>3</sub>	OH	S	Hypoxanthine	O-amino acid	F
CH <sub>3</sub>	OH	S	5-Fluorouracil	O-amino acid	F
CH <sub>3</sub>	OH	S	8-Fluoroguanine	O-amino acid	F
CH <sub>3</sub>	OH	S	5-Fluorocytosine	O-amino acid	F
CH <sub>3</sub>	OH	S	8-Fluoroadenine	O-amino acid	F
CH <sub>3</sub>	OH	S	2-Fluoroadenine	O-amino acid	F
CH <sub>3</sub>	OH	S	2,8-Difluoroadenine	O-amino acid	F
CH <sub>3</sub>	OH	S	2-Fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	OH	S	8-Fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	OH	S	2,8-Difluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	OH	S	2-Aminoadenine	O-amino acid	F
CH <sub>3</sub>	OH	S	2-Amino-8-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	OH	S	2-Amino-8-fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	OH	S	2-Aminohypoxanthine	O-amino acid	F
CH <sub>3</sub>	OH	S	2-N-acetylguanine	O-amino acid	F
CH <sub>3</sub>	OH	S	4-N-acetylcytosine	O-amino acid	F
CH <sub>3</sub>	OH	S	6-N-acetyladenine	O-amino acid	F
CH <sub>3</sub>	OH	S	2-N-acetyl-8-fluoroguanine	O-amino acid	F
CH <sub>3</sub>	OH	S	4-N-acetyl-5-fluorocytosine	O-amino acid	F
CH <sub>3</sub>	OH	S	6-N-acetyl-2-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	OH	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	F

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	OH	S	6-N-acetyl-2-aminoadenine	O-amino acid	F
CH <sub>3</sub>	OH	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	OH	S	2-N-acetylaminoadenine	O-amino acid	F
CH <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	F
CH <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	F
CH <sub>3</sub>	OH	S	2-N-acetylaminohypoxanthine	O-amino acid	F
CH <sub>3</sub>	OH	S	Thymine	O-acyl	F
CH <sub>3</sub>	OH	S	Uracil	O-acyl	F
CH <sub>3</sub>	OH	S	Guanine	O-acyl	F
CH <sub>3</sub>	OH	S	Cytosine	O-acyl	F
CH <sub>3</sub>	OH	S	Adenine	O-acyl	F
CH <sub>3</sub>	OH	S	Hypoxanthine	O-acyl	F
CH <sub>3</sub>	OH	S	5-Fluorouracil	O-acyl	F
CH <sub>3</sub>	OH	S	8-Fluoroguanine	O-acyl	F
CH <sub>3</sub>	OH	S	5-Fluorocytosine	O-acyl	F
CH <sub>3</sub>	OH	S	8-Fluoroadenine	O-acyl	F
CH <sub>3</sub>	OH	S	2-Fluoroadenine	O-acyl	F
CH <sub>3</sub>	OH	S	2,8-Difluoroadenine	O-acyl	F
CH <sub>3</sub>	OH	S	2-Fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	OH	S	8-Fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	OH	S	2,8-Difluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	OH	S	2-Aminoadenine	O-acyl	F
CH <sub>3</sub>	OH	S	2-Amino-8-fluoroadenine	O-acyl	F
CH <sub>3</sub>	OH	S	2-Amino-8-fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	OH	S	2-Aminohypoxanthine	O-acyl	F
CH <sub>3</sub>	OH	S	2-N-acetylguanine	O-acyl	F
CH <sub>3</sub>	OH	S	4-N-acetylcytosine	O-acyl	F
CH <sub>3</sub>	OH	S	6-N-acetyladenine	O-acyl	F
CH <sub>3</sub>	OH	S	2-N-acetyl-8-fluoroguanine	O-acyl	F
CH <sub>3</sub>	OH	S	4-N-acetyl-5-fluorocytosine	O-acyl	F
CH <sub>3</sub>	OH	S	6-N-acetyl-2-fluoroadenine	O-acyl	F
CH <sub>3</sub>	OH	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	F
CH <sub>3</sub>	OH	S	6-N-acetyl-2-aminoadenine	O-acyl	F
CH <sub>3</sub>	OH	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	F
CH <sub>3</sub>	OH	S	2-N-acetylaminoadenine	O-acyl	F
CH <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	F
CH <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	F
CH <sub>3</sub>	OH	S	2-N-acetylaminohypoxanthine	O-acyl	F
CH <sub>3</sub>	OH	S	Thymine	O-amino acid	Br
CH <sub>3</sub>	OH	S	Uracil	O-amino acid	Br
CH <sub>3</sub>	OH	S	Guanine	O-amino acid	Br
CH <sub>3</sub>	OH	S	Cytosine	O-amino acid	Br
CH <sub>3</sub>	OH	S	Adenine	O-amino acid	Br
CH <sub>3</sub>	OH	S	Hypoxanthine	O-amino acid	Br
CH <sub>3</sub>	OH	S	5-Fluorouracil	O-amino acid	Br

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	OH	S	8-Fluoroguanine	O-amino acid	Br
CH <sub>3</sub>	OH	S	5-Fluorocytosine	O-amino acid	Br
CH <sub>3</sub>	OH	S	8-Fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	OH	S	2-Fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	OH	S	2,8-Difluoroadenine	O-amino acid	Br
CH <sub>3</sub>	OH	S	2-Fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	OH	S	8-Fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	OH	S	2,8-Difluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	OH	S	2-Aminoadenine	O-amino acid	Br
CH <sub>3</sub>	OH	S	2-Amino-8-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	OH	S	2-Amino-8-fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	OH	S	2-Aminohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	OH	S	2-N-acetylguanine	O-amino acid	Br
CH <sub>3</sub>	OH	S	4-N-acetylcytosine	O-amino acid	Br
CH <sub>3</sub>	OH	S	6-N-acetyladenine	O-amino acid	Br
CH <sub>3</sub>	OH	S	2-N-acetyl-8-fluoroguanine	O-amino acid	Br
CH <sub>3</sub>	OH	S	4-N-acetyl-5-fluorocytosine	O-amino acid	Br
CH <sub>3</sub>	OH	S	6-N-acetyl-2-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	OH	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Br
CH <sub>3</sub>	OH	S	6-N-acetyl-2-aminoadenine	O-amino acid	Br
CH <sub>3</sub>	OH	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	OH	S	2-N-acetylaminoadenine	O-amino acid	Br
CH <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	Br
CH <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	OH	S	2-N-acetylaminohypoxanthine	O-amino acid	Br
CH <sub>3</sub>	OH	S	Thymine	O-acyl	Br
CH <sub>3</sub>	OH	S	Uracil	O-acyl	Br
CH <sub>3</sub>	OH	S	Guanine	O-acyl	Br
CH <sub>3</sub>	OH	S	Cytosine	O-acyl	Br
CH <sub>3</sub>	OH	S	Adenine	O-acyl	Br
CH <sub>3</sub>	OH	S	Hypoxanthine	O-acyl	Br
CH <sub>3</sub>	OH	S	5-Fluorouracil	O-acyl	Br
CH <sub>3</sub>	OH	S	8-Fluoroguanine	O-acyl	Br
CH <sub>3</sub>	OH	S	5-Fluorocytosine	O-acyl	Br
CH <sub>3</sub>	OH	S	8-Fluoroadenine	O-acyl	Br
CH <sub>3</sub>	OH	S	2-Fluoroadenine	O-acyl	Br
CH <sub>3</sub>	OH	S	2,8-Difluoroadenine	O-acyl	Br
CH <sub>3</sub>	OH	S	2-Fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	OH	S	8-Fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	OH	S	2,8-Difluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	OH	S	2-Aminoadenine	O-acyl	Br
CH <sub>3</sub>	OH	S	2-Amino-8-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	OH	S	2-Amino-8-fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	OH	S	2-Aminohypoxanthine	O-acyl	Br
CH <sub>3</sub>	OH	S	2-N-acetylguanine	O-acyl	Br
CH <sub>3</sub>	OH	S	4-N-acetylcytosine	O-acyl	Br

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	OH	S	6-N-acetyladenine	O-acyl	Br
CH <sub>3</sub>	OH	S	2-N-acetyl-8-fluoroguanine	O-acyl	Br
CH <sub>3</sub>	OH	S	4-N-acetyl-5-fluorocytosine	O-acyl	Br
CH <sub>3</sub>	OH	S	6-N-acetyl-2-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	OH	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	Br
CH <sub>3</sub>	OH	S	6-N-acetyl-2-aminoadenine	O-acyl	Br
CH <sub>3</sub>	OH	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	OH	S	2-N-acetylaminoadenine	O-acyl	Br
CH <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Br
CH <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Br
CH <sub>3</sub>	OH	S	2-N-acetylaminohypoxanthine	O-acyl	Br
CH <sub>3</sub>	OH	S	Thymine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	Uracil	O-amino acid	Cl
CH <sub>3</sub>	OH	S	Guanine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	Cytosine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	Adenine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	Hypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	5-Fluorouracil	O-amino acid	Cl
CH <sub>3</sub>	OH	S	8-Fluoroguanine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	5-Fluorocytosine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	8-Fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	2-Fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	2,8-Difluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	2-Fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	8-Fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	2,8-Difluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	2-Aminoadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	2-Amino-8-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	2-Amino-8-fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	2-Aminohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	2-N-acetylguanine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	4-N-acetylcytosine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	6-N-acetyladenine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	2-N-acetyl-8-fluoroguanine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	4-N-acetyl-5-fluorocytosine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	6-N-acetyl-2-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	6-N-acetyl-2-aminoadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	2-N-acetylaminoadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	2-N-acetylaminohypoxanthine	O-amino acid	Cl
CH <sub>3</sub>	OH	S	Thymine	O-acyl	Cl
CH <sub>3</sub>	OH	S	Uracil	O-acyl	Cl



R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	OH	S	Guanine	O-acyl	Cl
CH <sub>3</sub>	OH	S	Cytosine	O-acyl	Cl
CH <sub>3</sub>	OH	S	Adenine	O-acyl	Cl
CH <sub>3</sub>	OH	S	Hypoxanthine	O-acyl	Cl
CH <sub>3</sub>	OH	S	5-Fluorouracil	O-acyl	Cl
CH <sub>3</sub>	OH	S	8-Fluoroguanine	O-acyl	Cl
CH <sub>3</sub>	OH	S	5-Fluorocytosine	O-acyl	Cl
CH <sub>3</sub>	OH	S	8-Fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	OH	S	2-Fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	OH	S	2,8-Difluoroadenine	O-acyl	Cl
CH <sub>3</sub>	OH	S	2-Fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	OH	S	8-Fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	OH	S	2,8-Difluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	OH	S	2-Aminoadenine	O-acyl	Cl
CH <sub>3</sub>	OH	S	2-Amino-8-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	OH	S	2-Amino-8-fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	OH	S	2-Aminohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	OH	S	2-N-acetylguanine	O-acyl	Cl
CH <sub>3</sub>	OH	S	4-N-acetylcytosine	O-acyl	Cl
CH <sub>3</sub>	OH	S	6-N-acetylguanine	O-acyl	Cl
CH <sub>3</sub>	OH	S	2-N-acetyl-8-fluoroguanine	O-acyl	Cl
CH <sub>3</sub>	OH	S	4-N-acetyl-5-fluorocytosine	O-acyl	Cl
CH <sub>3</sub>	OH	S	6-N-acetyl-2-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	OH	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	Cl
CH <sub>3</sub>	OH	S	6-N-acetyl-2-aminoadenine	O-acyl	Cl
CH <sub>3</sub>	OH	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	OH	S	2-N-acetylaminoadenine	O-acyl	Cl
CH <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	Cl
CH <sub>3</sub>	OH	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	OH	S	2-N-acetylaminohypoxanthine	O-acyl	Cl
CH <sub>3</sub>	OH	S	Thymine	O-amino acid	H
CH <sub>3</sub>	OH	S	Uracil	O-amino acid	H
CH <sub>3</sub>	OH	S	Guanine	O-amino acid	H
CH <sub>3</sub>	OH	S	Cytosine	O-amino acid	H
CH <sub>3</sub>	OH	S	Adenine	O-amino acid	H
CH <sub>3</sub>	OH	S	Hypoxanthine	O-amino acid	H
CH <sub>3</sub>	OH	S	5-Fluorouracil	O-amino acid	H
CH <sub>3</sub>	OH	S	8-Fluoroguanine	O-amino acid	H
CH <sub>3</sub>	OH	S	5-Fluorocytosine	O-amino acid	H
CH <sub>3</sub>	OH	S	8-Fluoroadenine	O-amino acid	H
CH <sub>3</sub>	OH	S	2-Fluoroadenine	O-amino acid	H
CH <sub>3</sub>	OH	S	2,8-Difluoroadenine	O-amino acid	H
CH <sub>3</sub>	OH	S	2-Fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	OH	S	8-Fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	OH	S	2,8-Difluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	OH	S	2-Aminoadenine	O-amino acid	H

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	OH	S	2-Amino-8-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	OH	S	2-Amino-8-fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	OH	S	2-Aminohypoxanthine	O-amino acid	H
CH <sub>3</sub>	OH	S	2-N-acetylguanine	O-amino acid	H
CH <sub>3</sub>	OH	S	4-N-acetylcytosine	O-amino acid	H
CH <sub>3</sub>	OH	S	6-N-acetyladenine	O-amino acid	H
CH <sub>3</sub>	OH	S	2-N-acetyl-8-fluoroguanine	O-amino acid	H
CH <sub>3</sub>	OH	S	4-N-acetyl-5-fluorocytosine	O-amino acid	H
CH <sub>3</sub>	OH	S	6-N-acetyl-2-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	OH	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	H
CH <sub>3</sub>	OH	S	6-N-acetyl-2-aminoadenine	O-amino acid	H
CH <sub>3</sub>	OH	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	OH	S	2-N-acetylaminoadenine	O-amino acid	H
CH <sub>3</sub>	OH	S	2-N-acetylamino-8-fluoroadenine	O-amino acid	H
CH <sub>3</sub>	OH	S	2-N-acetylamino-8-fluorohypoxanthine	O-amino acid	H
CH <sub>3</sub>	OH	S	2-N-acetylaminohypoxanthine	O-amino acid	H
CH <sub>3</sub>	OH	S	Thymine	O-acyl	H
CH <sub>3</sub>	OH	S	Uracil	O-acyl	H
CH <sub>3</sub>	OH	S	Guanine	O-acyl	H
CH <sub>3</sub>	OH	S	Cytosine	O-acyl	H
CH <sub>3</sub>	OH	S	Adenine	O-acyl	H
CH <sub>3</sub>	OH	S	Hypoxanthine	O-acyl	H
CH <sub>3</sub>	OH	S	5-Fluorouracil	O-acyl	H
CH <sub>3</sub>	OH	S	8-Fluoroguanine	O-acyl	H
CH <sub>3</sub>	OH	S	5-Fluorocytosine	O-acyl	H
CH <sub>3</sub>	OH	S	8-Fluoroadenine	O-acyl	H
CH <sub>3</sub>	OH	S	2-Fluoroadenine	O-acyl	H
CH <sub>3</sub>	OH	S	2,8-Difluoroadenine	O-acyl	H
CH <sub>3</sub>	OH	S	2-Fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	OH	S	8-Fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	OH	S	2,8-Difluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	OH	S	2-Aminoadenine	O-acyl	H
CH <sub>3</sub>	OH	S	2-Amino-8-fluoroadenine	O-acyl	H
CH <sub>3</sub>	OH	S	2-Amino-8-fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	OH	S	2-Aminohypoxanthine	O-acyl	H
CH <sub>3</sub>	OH	S	2-N-acetylguanine	O-acyl	H
CH <sub>3</sub>	OH	S	4-N-acetylcytosine	O-acyl	H
CH <sub>3</sub>	OH	S	6-N-acetyladenine	O-acyl	H
CH <sub>3</sub>	OH	S	2-N-acetyl-8-fluoroguanine	O-acyl	H
CH <sub>3</sub>	OH	S	4-N-acetyl-5-fluorocytosine	O-acyl	H
CH <sub>3</sub>	OH	S	6-N-acetyl-2-fluoroadenine	O-acyl	H
CH <sub>3</sub>	OH	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	H
CH <sub>3</sub>	OH	S	6-N-acetyl-2-aminoadenine	O-acyl	H
CH <sub>3</sub>	OH	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	H
CH <sub>3</sub>	OH	S	2-N-acetylaminoadenine	O-acyl	H
CH <sub>3</sub>	OH	S	2-N-acetylamino-8-fluoroadenine	O-acyl	H

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	OH	S	2-N-acetylamino-8-fluorohypoxanthine	O-acyl	H
CH <sub>3</sub>	H	S	2-N-acetylaminohypoxanthine	O-acyl	H
CH <sub>3</sub>	H	S	Thymine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Uracil	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Guanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Cytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Adenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Hypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	5-Fluorouracil	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	8-Fluoroguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	5-Fluorocytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	8-Fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2,8-Difluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	8-Fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2,8-Difluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Aminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Aminohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetylguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	4-N-acetylcytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyladenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetyl-8-fluoroguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	4-N-acetyl-5-fluorocytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl-2-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl-2-aminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetylaminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetylamino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetylamino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetylaminohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Thymine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Uracil	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Guanine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Cytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Adenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Hypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	5-Fluorouracil	O-acyl	O-acyl
CH <sub>3</sub>	H	S	8-Fluoroguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	5-Fluorocytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	8-Fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Fluoroadenine	O-acyl	O-acyl

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	H	S	2,8-Difluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	8-Fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2,8-Difluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Aminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Amino-8-fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Aminohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetylguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	4-N-acetylcytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyladenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetyl-8-fluoroguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	4-N-acetyl-5-fluorocytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl-2-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl-2-aminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetylaminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetylaminohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Thymine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Uracil	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Guanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Cytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Adenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Hypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	5-Fluorouracil	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	8-Fluoroguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	5-Fluorocytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	8-Fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2,8-Difluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	8-Fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2,8-Difluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Aminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Aminohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetylguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	4-N-acetylcytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyladenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetyl-8-fluoroguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	4-N-acetyl-5-fluorocytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl-2-fluoroadenine	O-amino acid	O-amino acid

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	H	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl-2-aminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetylaminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetylaminohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Thymine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Uracil	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Guanine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Cytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Adenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Hypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	5-Fluorouracil	O-acyl	O-acyl
CH <sub>3</sub>	H	S	8-Fluoroguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	5-Fluorocytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	8-Fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2,8-Difluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	8-Fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2,8-Difluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Aminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Amino-8-fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Aminohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetylguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	4-N-acetylcytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyladenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetyl-8-fluoroguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	4-N-acetyl-5-fluorocytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl-2-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl-2-aminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetylaminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetylaminohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Thymine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Uracil	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Guanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Cytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Adenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Hypoxanthine	O-amino acid	O-amino acid

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	H	S	5-Fluorouracil	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	8-Fluoroguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	5-Fluorocytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	8-Fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2,8-Difluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	8-Fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2,8-Difluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Aminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Aminohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetylguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	4-N-acetylcytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl原因	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetyl-8-fluoroguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	4-N-acetyl-5-fluorocytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl-2-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl-2-aminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetylaminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetylaminohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Thymine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Uracil	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Guanine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Cytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Adenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Hypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	5-Fluorouracil	O-acyl	O-acyl
CH <sub>3</sub>	H	S	8-Fluoroguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	5-Fluorocytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	8-Fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2,8-Difluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	8-Fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2,8-Difluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Aminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Amino-8-fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Aminohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetylguanine	O-acyl	O-acyl

R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	H	S	4-N-acetylcytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl原因	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetyl-8-fluoroguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	4-N-acetyl-5-fluorocytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl-2-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl-2-aminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetyl原因	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetyl原因-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetyl原因-8-fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetyl原因hypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Thymine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Uracil	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Guanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Cytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Adenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Hypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	5-Fluorouracil	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	8-Fluoroguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	5-Fluorocytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	8-Fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2,8-Difluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	8-Fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2,8-Difluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Aminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Aminohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetyl原因	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	4-N-acetylcytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl原因	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetyl-8-fluoroguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	4-N-acetyl-5-fluorocytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl-2-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl-2-aminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetyl原因	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetyl原因-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetyl原因-8-fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetyl原因hypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Thymine	O-acyl	O-acyl

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	H	S	Uracil	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Guanine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Cytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Adenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Hypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	5-Fluorouracil	O-acyl	O-acyl
CH <sub>3</sub>	H	S	8-Fluoroguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	5-Fluorocytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	8-Fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2,8-Difluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	8-Fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2,8-Difluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Aminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Amino-8-fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Aminohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetylguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	4-N-acetylcytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyladenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetyl-8-fluoroguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	4-N-acetyl-5-fluorocytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl-2-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl-2-aminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetylaminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetylaminohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Thymine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Uracil	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Guanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Cytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Adenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Hypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	5-Fluorouracil	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	8-Fluoroguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	5-Fluorocytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	8-Fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2,8-Difluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	8-Fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2,8-Difluorohypoxanthine	O-amino acid	O-amino acid



R <sup>6</sup>	R <sup>7</sup>	X	Base	R <sup>9</sup>	R <sup>10</sup>
CH <sub>3</sub>	H	S	2-Aminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-Aminohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetylguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	4-N-acetylcytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyladenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetyl-8-fluoroguanine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	4-N-acetyl-5-fluorocytosine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl-2-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl-2,8-difluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl-2-aminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	6-N-acetyl-2-amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetylaminoadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluoroadenine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetyl-amino-8-fluorohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	2-N-acetylaminohypoxanthine	O-amino acid	O-amino acid
CH <sub>3</sub>	H	S	Thymine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Uracil	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Guanine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Cytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Adenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	Hypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	5-Fluorouracil	O-acyl	O-acyl
CH <sub>3</sub>	H	S	8-Fluoroguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	5-Fluorocytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	8-Fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2,8-Difluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	8-Fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2,8-Difluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Aminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Amino-8-fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-Aminohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetylguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	4-N-acetylcytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyladenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetyl-8-fluoroguanine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	4-N-acetyl-5-fluorocytosine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl-2-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl-2,8-difluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl-2-aminoadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	6-N-acetyl-2-amino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetylaminoadenine	O-acyl	O-acyl

<b>R<sup>6</sup></b>	<b>R<sup>7</sup></b>	<b>X</b>	<b>Base</b>	<b>R<sup>9</sup></b>	<b>R<sup>10</sup></b>
CH <sub>3</sub>	H	S	2-N-acetylamino-8-fluoroadenine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetylamino-8-fluorohypoxanthine	O-acyl	O-acyl
CH <sub>3</sub>	H	S	2-N-acetylaminohypoxanthine	O-acyl	O-acyl

Table 13

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	H	H	H
acyl	H	H	H	NH <sub>2</sub>
acyl	H	H	H	NH-cyclopropyl
acyl	H	H	H	NH-methyl
acyl	H	H	H	NH-ethyl
acyl	H	H	H	NH-acetyl
acyl	H	H	H	OH
acyl	H	H	H	OMe
acyl	H	H	H	OEt
acyl	H	H	H	O-cyclopropyl
acyl	H	H	H	O-acetyl
acyl	H	H	H	SH
acyl	H	H	H	SMe
acyl	H	H	H	SEt
acyl	H	H	H	S-cyclopropyl
acyl	H	H	H	F
acyl	H	H	H	Cl
acyl	H	H	H	Br
acyl	H	H	H	I
acyl	acyl	H	H	H
acyl	acyl	H	H	NH <sub>2</sub>
acyl	acyl	H	H	NH-cyclopropyl
acyl	acyl	H	H	NH-methyl
acyl	acyl	H	H	NH-ethyl
acyl	acyl	H	H	NH-acetyl
acyl	acyl	H	H	OH
acyl	acyl	H	H	OMe
acyl	acyl	H	H	OEt
acyl	acyl	H	H	O-cyclopropyl
acyl	acyl	H	H	O-acetyl
acyl	acyl	H	H	SH
acyl	acyl	H	H	SMe
acyl	acyl	H	H	SEt
acyl	acyl	H	H	S-cyclopropyl
acyl	acyl	H	H	F
acyl	acyl	H	H	Cl
acyl	acyl	H	H	Br
acyl	acyl	H	H	I
acyl	amino acid	H	H	H
acyl	amino acid	H	H	NH <sub>2</sub>
acyl	amino acid	H	H	NH-cyclopropyl
acyl	amino acid	H	H	NH-methyl
acyl	amino acid	H	H	NH-ethyl
acyl	amino acid	H	H	NH-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	H	H	OH
acyl	amino acid	H	H	OMe
acyl	amino acid	H	H	OEt
acyl	amino acid	H	H	O-cyclopropyl
acyl	amino acid	H	H	O-acetyl
acyl	amino acid	H	H	SH
acyl	amino acid	H	H	SMe
acyl	amino acid	H	H	SEt
acyl	amino acid	H	H	S-cyclopropyl
acyl	amino acid	H	H	F
acyl	amino acid	H	H	Cl
acyl	amino acid	H	H	Br
acyl	amino acid	H	H	I
H	acyl	H	H	H
H	acyl	H	H	NH <sub>2</sub>
H	acyl	H	H	NH-cyclopropyl
H	acyl	H	H	NH-methyl
H	acyl	H	H	NH-ethyl
H	acyl	H	H	NH-acetyl
H	acyl	H	H	OH
H	acyl	H	H	OMe
H	acyl	H	H	OEt
H	acyl	H	H	O-cyclopropyl
H	acyl	H	H	O-acetyl
H	acyl	H	H	SH
H	acyl	H	H	SMe
H	acyl	H	H	SEt
H	acyl	H	H	S-cyclopropyl
H	acyl	H	H	F
H	acyl	H	H	Cl
H	acyl	H	H	Br
H	acyl	H	H	I
H	amino acid	H	H	H
H	amino acid	H	H	NH <sub>2</sub>
H	amino acid	H	H	NH-cyclopropyl
H	amino acid	H	H	NH-methyl
H	amino acid	H	H	NH-ethyl
H	amino acid	H	H	NH-acetyl
H	amino acid	H	H	OH
H	amino acid	H	H	OMe
H	amino acid	H	H	OEt
H	amino acid	H	H	O-cyclopropyl
H	amino acid	H	H	O-acetyl
H	amino acid	H	H	SH
H	amino acid	H	H	SMe
H	amino acid	H	H	SEt
H	amino acid	H	H	S-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	H	H	F
H	amino acid	H	H	Cl
H	amino acid	H	H	Br
H	amino acid	H	H	I
amino acid	amino acid	H	H	H
amino acid	amino acid	H	H	NH <sub>2</sub>
amino acid	amino acid	H	H	NH-cyclopropyl
amino acid	amino acid	H	H	NH-methyl
amino acid	amino acid	H	H	NH-ethyl
amino acid	amino acid	H	H	NH-acetyl
amino acid	amino acid	H	H	OH
amino acid	amino acid	H	H	OMe
amino acid	amino acid	H	H	OEt
amino acid	amino acid	H	H	O-cyclopropyl
amino acid	amino acid	H	H	O-acetyl
amino acid	amino acid	H	H	SH
amino acid	amino acid	H	H	SMe
amino acid	amino acid	H	H	SEt
amino acid	amino acid	H	H	S-cyclopropyl
amino acid	amino acid	H	H	F
amino acid	amino acid	H	H	Cl
amino acid	amino acid	H	H	Br
amino acid	amino acid	H	H	I
amino acid	H	H	H	H
amino acid	H	H	H	NH <sub>2</sub>
amino acid	H	H	H	NH-cyclopropyl
amino acid	H	H	H	NH-methyl
amino acid	H	H	H	NH-ethyl
amino acid	H	H	H	NH-acetyl
amino acid	H	H	H	OH
amino acid	H	H	H	OMe
amino acid	H	H	H	OEt
amino acid	H	H	H	O-cyclopropyl
amino acid	H	H	H	O-acetyl
amino acid	H	H	H	SH
amino acid	H	H	H	SMe
amino acid	H	H	H	SEt
amino acid	H	H	H	S-cyclopropyl
amino acid	H	H	H	F
amino acid	H	H	H	Cl
amino acid	H	H	H	Br
amino acid	H	H	H	I
amino acid	acyl	H	H	H
amino acid	acyl	H	H	NH <sub>2</sub>
amino acid	acyl	H	H	NH-cyclopropyl
amino acid	acyl	H	H	NH-methyl
amino acid	acyl	H	H	NH-ethyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	H	H	NH-acetyl
amino acid	acyl	H	H	OH
amino acid	acyl	H	H	OMe
amino acid	acyl	H	H	OEt
amino acid	acyl	H	H	O-cyclopropyl
amino acid	acyl	H	H	O-acetyl
amino acid	acyl	H	H	SH
amino acid	acyl	H	H	SMe
amino acid	acyl	H	H	SEt
amino acid	acyl	H	H	S-cyclopropyl
amino acid	acyl	H	H	F
amino acid	acyl	H	H	Cl
amino acid	acyl	H	H	Br
amino acid	acyl	H	H	I
acyl	H	F	H	H
acyl	H	F	H	NH <sub>2</sub>
acyl	H	F	H	NH-cyclopropyl
acyl	H	F	H	NH-methyl
acyl	H	F	H	NH-ethyl
acyl	H	F	H	NH-acetyl
acyl	H	F	H	OH
acyl	H	F	H	OMe
acyl	H	F	H	OEt
acyl	H	F	H	O-cyclopropyl
acyl	H	F	H	O-acetyl
acyl	H	F	H	SH
acyl	H	F	H	SMe
acyl	H	F	H	SEt
acyl	H	F	H	S-cyclopropyl
acyl	H	F	H	F
acyl	H	F	H	Cl
acyl	H	F	H	Br
acyl	H	F	H	I
acyl	acyl	F	H	H
acyl	acyl	F	H	NH <sub>2</sub>
acyl	acyl	F	H	NH-cyclopropyl
acyl	acyl	F	H	NH-methyl
acyl	acyl	F	H	NH-ethyl
acyl	acyl	F	H	NH-acetyl
acyl	acyl	F	H	OH
acyl	acyl	F	H	OMe
acyl	acyl	F	H	OEt
acyl	acyl	F	H	O-cyclopropyl
acyl	acyl	F	H	O-acetyl
acyl	acyl	F	H	SH
acyl	acyl	F	H	SMe
acyl	acyl	F	H	SEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	F	H	S-cyclopropyl
acyl	acyl	F	H	F
acyl	acyl	F	H	Cl
acyl	acyl	F	H	Br
acyl	acyl	F	H	I
acyl	amino acid	F	H	H
acyl	amino acid	F	H	NH <sub>2</sub>
acyl	amino acid	F	H	NH-cyclopropyl
acyl	amino acid	F	H	NH-methyl
acyl	amino acid	F	H	NH-ethyl
acyl	amino acid	F	H	NH-acetyl
acyl	amino acid	F	H	OH
acyl	amino acid	F	H	OMe
acyl	amino acid	F	H	OEt
acyl	amino acid	F	H	O-cyclopropyl
acyl	amino acid	F	H	O-acetyl
acyl	amino acid	F	H	SH
acyl	amino acid	F	H	SMe
acyl	amino acid	F	H	SEt
acyl	amino acid	F	H	S-cyclopropyl
acyl	amino acid	F	H	F
acyl	amino acid	F	H	Cl
acyl	amino acid	F	H	Br
acyl	amino acid	F	H	I
H	acyl	F	H	H
H	acyl	F	H	NH <sub>2</sub>
H	acyl	F	H	NH-cyclopropyl
H	acyl	F	H	NH-methyl
H	acyl	F	H	NH-ethyl
H	acyl	F	H	NH-acetyl
H	acyl	F	H	OH
H	acyl	F	H	OMe
H	acyl	F	H	OEt
H	acyl	F	H	O-cyclopropyl
H	acyl	F	H	O-acetyl
H	acyl	F	H	SH
H	acyl	F	H	SMe
H	acyl	F	H	SEt
H	acyl	F	H	S-cyclopropyl
H	acyl	F	H	F
H	acyl	F	H	Cl
H	acyl	F	H	Br
H	acyl	F	H	I
H	amino acid	F	H	H
H	amino acid	F	H	NH <sub>2</sub>
H	amino acid	F	H	NH-cyclopropyl
H	amino acid	F	H	NH-methyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	F	H	NH-ethyl
H	amino acid	F	H	NH-acetyl
H	amino acid	F	H	OH
H	amino acid	F	H	OMe
H	amino acid	F	H	OEt
H	amino acid	F	H	O-cyclopropyl
H	amino acid	F	H	O-acetyl
H	amino acid	F	H	SH
H	amino acid	F	H	SMe
H	amino acid	F	H	SEt
H	amino acid	F	H	S-cyclopropyl
H	amino acid	F	H	F
H	amino acid	F	H	Cl
H	amino acid	F	H	Br
H	amino acid	F	H	I
amino acid	amino acid	F	H	H
amino acid	amino acid	F	H	NH <sub>2</sub>
amino acid	amino acid	F	H	NH-cyclopropyl
amino acid	amino acid	F	H	NH-methyl
amino acid	amino acid	F	H	NH-ethyl
amino acid	amino acid	F	H	NH-acetyl
amino acid	amino acid	F	H	OH
amino acid	amino acid	F	H	OMe
amino acid	amino acid	F	H	OEt
amino acid	amino acid	F	H	O-cyclopropyl
amino acid	amino acid	F	H	O-acetyl
amino acid	amino acid	F	H	SH
amino acid	amino acid	F	H	SMe
amino acid	amino acid	F	H	SEt
amino acid	amino acid	F	H	S-cyclopropyl
amino acid	amino acid	F	H	F
amino acid	amino acid	F	H	Cl
amino acid	amino acid	F	H	Br
amino acid	amino acid	F	H	I
amino acid	H	F	H	H
amino acid	H	F	H	NH <sub>2</sub>
amino acid	H	F	H	NH-cyclopropyl
amino acid	H	F	H	NH-methyl
amino acid	H	F	H	NH-ethyl
amino acid	H	F	H	NH-acetyl
amino acid	H	F	H	OH
amino acid	H	F	H	OMe
amino acid	H	F	H	OEt
amino acid	H	F	H	O-cyclopropyl
amino acid	H	F	H	O-acetyl
amino acid	H	F	H	SH
amino acid	H	F	H	SMe



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	F	H	SEt
amino acid	H	F	H	S-cyclopropyl
amino acid	H	F	H	F
amino acid	H	F	H	Cl
amino acid	H	F	H	Br
amino acid	H	F	H	I
amino acid	acyl	F	H	H
amino acid	acyl	F	H	NH <sub>2</sub>
amino acid	acyl	F	H	NH-cyclopropyl
amino acid	acyl	F	H	NH-methyl
amino acid	acyl	F	H	NH-ethyl
amino acid	acyl	F	H	NH-acetyl
amino acid	acyl	F	H	OH
amino acid	acyl	F	H	OMe
amino acid	acyl	F	H	OEt
amino acid	acyl	F	H	O-cyclopropyl
amino acid	acyl	F	H	O-acetyl
amino acid	acyl	F	H	SH
amino acid	acyl	F	H	SMe
amino acid	acyl	F	H	SEt
amino acid	acyl	F	H	S-cyclopropyl
amino acid	acyl	F	H	F
amino acid	acyl	F	H	Cl
amino acid	acyl	F	H	Br
amino acid	acyl	F	H	I
acyl	H	H	F	H
acyl	H	H	F	NH <sub>2</sub>
acyl	H	H	F	NH-cyclopropyl
acyl	H	H	F	NH-methyl
acyl	H	H	F	NH-ethyl
acyl	H	H	F	NH-acetyl
acyl	H	H	F	OH
acyl	H	H	F	OMe
acyl	H	H	F	OEt
acyl	H	H	F	O-cyclopropyl
acyl	H	H	F	O-acetyl
acyl	H	H	F	SH
acyl	H	H	F	SMe
acyl	H	H	F	SEt
acyl	H	H	F	S-cyclopropyl
acyl	H	H	F	F
acyl	H	H	F	Cl
acyl	H	H	F	Br
acyl	H	H	F	I
acyl	acyl	H	F	H
acyl	acyl	H	F	NH <sub>2</sub>
acyl	acyl	H	F	NH-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	H	F	NH-methyl
acyl	acyl	H	F	NH-ethyl
acyl	acyl	H	F	NH-acetyl
acyl	acyl	H	F	OH
acyl	acyl	H	F	OMe
acyl	acyl	H	F	OEt
acyl	acyl	H	F	O-cyclopropyl
acyl	acyl	H	F	O-acetyl
acyl	acyl	H	F	SH
acyl	acyl	H	F	SMe
acyl	acyl	H	F	SEt
acyl	acyl	H	F	S-cyclopropyl
acyl	acyl	H	F	F
acyl	acyl	H	F	Cl
acyl	acyl	H	F	Br
acyl	acyl	H	F	I
acyl	amino acid	H	F	H
acyl	amino acid	H	F	NH <sub>2</sub>
acyl	amino acid	H	F	NH-cyclopropyl
acyl	amino acid	H	F	NH-methyl
acyl	amino acid	H	F	NH-ethyl
acyl	amino acid	H	F	NH-acetyl
acyl	amino acid	H	F	OH
acyl	amino acid	H	F	OMe
acyl	amino acid	H	F	OEt
acyl	amino acid	H	F	O-cyclopropyl
acyl	amino acid	H	F	O-acetyl
acyl	amino acid	H	F	SH
acyl	amino acid	H	F	SMe
acyl	amino acid	H	F	SEt
acyl	amino acid	H	F	S-cyclopropyl
acyl	amino acid	H	F	F
acyl	amino acid	H	F	Cl
acyl	amino acid	H	F	Br
acyl	amino acid	H	F	I
H	acyl	H	F	H
H	acyl	H	F	NH <sub>2</sub>
H	acyl	H	F	NH-cyclopropyl
H	acyl	H	F	NH-methyl
H	acyl	H	F	NH-ethyl
H	acyl	H	F	NH-acetyl
H	acyl	H	F	OH
H	acyl	H	F	OMe
H	acyl	H	F	OEt
H	acyl	H	F	O-cyclopropyl
H	acyl	H	F	O-acetyl
H	acyl	H	F	SH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	H	F	SMe
H	acyl	H	F	SEt
H	acyl	H	F	S-cyclopropyl
H	acyl	H	F	F
H	acyl	H	F	Cl
H	acyl	H	F	Br
H	acyl	H	F	I
H	amino acid	H	F	H
H	amino acid	H	F	NH <sub>2</sub>
H	amino acid	H	F	NH-cyclopropyl
H	amino acid	H	F	NH-methyl
H	amino acid	H	F	NH-ethyl
H	amino acid	H	F	NH-acetyl
H	amino acid	H	F	OH
H	amino acid	H	F	OMe
H	amino acid	H	F	OEt
H	amino acid	H	F	O-cyclopropyl
H	amino acid	H	F	O-acetyl
H	amino acid	H	F	SH
H	amino acid	H	F	SMe
H	amino acid	H	F	SEt
H	amino acid	H	F	S-cyclopropyl
H	amino acid	H	F	F
H	amino acid	H	F	Cl
H	amino acid	H	F	Br
H	amino acid	H	F	I
amino acid	amino acid	H	F	H
amino acid	amino acid	H	F	NH <sub>2</sub>
amino acid	amino acid	H	F	NH-cyclopropyl
amino acid	amino acid	H	F	NH-methyl
amino acid	amino acid	H	F	NH-ethyl
amino acid	amino acid	H	F	NH-acetyl
amino acid	amino acid	H	F	OH
amino acid	amino acid	H	F	OMe
amino acid	amino acid	H	F	OEt
amino acid	amino acid	H	F	O-cyclopropyl
amino acid	amino acid	H	F	O-acetyl
amino acid	amino acid	H	F	SH
amino acid	amino acid	H	F	SMe
amino acid	amino acid	H	F	SEt
amino acid	amino acid	H	F	S-cyclopropyl
amino acid	amino acid	H	F	F
amino acid	amino acid	H	F	Cl
amino acid	amino acid	H	F	Br
amino acid	amino acid	H	F	I
amino acid	H	H	F	H
amino acid	H	H	F	NH <sub>2</sub>

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	H	F	NH-cyclopropyl
amino acid	H	H	F	NH-methyl
amino acid	H	H	F	NH-ethyl
amino acid	H	H	F	NH-acetyl
amino acid	H	H	F	OH
amino acid	H	H	F	OMe
amino acid	H	H	F	OEt
amino acid	H	H	F	O-cyclopropyl
amino acid	H	H	F	O-acetyl
amino acid	H	H	F	SH
amino acid	H	H	F	SMe
amino acid	H	H	F	SEt
amino acid	H	H	F	S-cyclopropyl
amino acid	H	H	F	F
amino acid	H	H	F	Cl
amino acid	H	H	F	Br
amino acid	H	H	F	I
amino acid	acyl	H	F	H
amino acid	acyl	H	F	NH <sub>2</sub>
amino acid	acyl	H	F	NH-cyclopropyl
amino acid	acyl	H	F	NH-methyl
amino acid	acyl	H	F	NH-ethyl
amino acid	acyl	H	F	NH-acetyl
amino acid	acyl	H	F	OH
amino acid	acyl	H	F	OMe
amino acid	acyl	H	F	OEt
amino acid	acyl	H	F	O-cyclopropyl
amino acid	acyl	H	F	O-acetyl
amino acid	acyl	H	F	SH
amino acid	acyl	H	F	SMe
amino acid	acyl	H	F	SEt
amino acid	acyl	H	F	S-cyclopropyl
amino acid	acyl	H	F	F
amino acid	acyl	H	F	Cl
amino acid	acyl	H	F	Br
amino acid	acyl	H	F	I
acyl	H	NH <sub>2</sub>	H	H
acyl	H	NH <sub>2</sub>	H	NH <sub>2</sub>
acyl	H	NH <sub>2</sub>	H	NH-cyclopropyl
acyl	H	NH <sub>2</sub>	H	NH-methyl
acyl	H	NH <sub>2</sub>	H	NH-ethyl
acyl	H	NH <sub>2</sub>	H	NH-acetyl
acyl	H	NH <sub>2</sub>	H	OH
acyl	H	NH <sub>2</sub>	H	OMe
acyl	H	NH <sub>2</sub>	H	OEt
acyl	H	NH <sub>2</sub>	H	O-cyclopropyl
acyl	H	NH <sub>2</sub>	H	O-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	NH <sub>2</sub>	H	SH
acyl	H	NH <sub>2</sub>	H	SMe
acyl	H	NH <sub>2</sub>	H	SEt
acyl	H	NH <sub>2</sub>	H	S-cyclopropyl
acyl	H	NH <sub>2</sub>	H	F
acyl	H	NH <sub>2</sub>	H	Cl
acyl	H	NH <sub>2</sub>	H	Br
acyl	H	NH <sub>2</sub>	H	I
acyl	acyl	NH <sub>2</sub>	H	H
acyl	acyl	NH <sub>2</sub>	H	NH <sub>2</sub>
acyl	acyl	NH <sub>2</sub>	H	NH-cyclopropyl
acyl	acyl	NH <sub>2</sub>	H	NH-methyl
acyl	acyl	NH <sub>2</sub>	H	NH-ethyl
acyl	acyl	NH <sub>2</sub>	H	NH-acetyl
acyl	acyl	NH <sub>2</sub>	H	OH
acyl	acyl	NH <sub>2</sub>	H	OMe
acyl	acyl	NH <sub>2</sub>	H	OEt
acyl	acyl	NH <sub>2</sub>	H	O-cyclopropyl
acyl	acyl	NH <sub>2</sub>	H	O-acetyl
acyl	acyl	NH <sub>2</sub>	H	SH
acyl	acyl	NH <sub>2</sub>	H	SMe
acyl	acyl	NH <sub>2</sub>	H	SEt
acyl	acyl	NH <sub>2</sub>	H	S-cyclopropyl
acyl	acyl	NH <sub>2</sub>	H	F
acyl	acyl	NH <sub>2</sub>	H	Cl
acyl	acyl	NH <sub>2</sub>	H	Br
acyl	acyl	NH <sub>2</sub>	H	I
acyl	amino acid	NH <sub>2</sub>	H	H
acyl	amino acid	NH <sub>2</sub>	H	NH <sub>2</sub>
acyl	amino acid	NH <sub>2</sub>	H	NH-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	H	NH-methyl
acyl	amino acid	NH <sub>2</sub>	H	NH-ethyl
acyl	amino acid	NH <sub>2</sub>	H	NH-acetyl
acyl	amino acid	NH <sub>2</sub>	H	OH
acyl	amino acid	NH <sub>2</sub>	H	OMe
acyl	amino acid	NH <sub>2</sub>	H	OEt
acyl	amino acid	NH <sub>2</sub>	H	O-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	H	O-acetyl
acyl	amino acid	NH <sub>2</sub>	H	SH
acyl	amino acid	NH <sub>2</sub>	H	SMe
acyl	amino acid	NH <sub>2</sub>	H	SEt
acyl	amino acid	NH <sub>2</sub>	H	S-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	H	F
acyl	amino acid	NH <sub>2</sub>	H	Cl
acyl	amino acid	NH <sub>2</sub>	H	Br
acyl	amino acid	NH <sub>2</sub>	H	I
H	acyl	NH <sub>2</sub>	H	H

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	NH <sub>2</sub>	H	NH <sub>2</sub>
H	acyl	NH <sub>2</sub>	H	NH-cyclopropyl
H	acyl	NH <sub>2</sub>	H	NH-methyl
H	acyl	NH <sub>2</sub>	H	NH-ethyl
H	acyl	NH <sub>2</sub>	H	NH-acetyl
H	acyl	NH <sub>2</sub>	H	OH
H	acyl	NH <sub>2</sub>	H	OMe
H	acyl	NH <sub>2</sub>	H	OEt
H	acyl	NH <sub>2</sub>	H	O-cyclopropyl
H	acyl	NH <sub>2</sub>	H	O-acetyl
H	acyl	NH <sub>2</sub>	H	SH
H	acyl	NH <sub>2</sub>	H	SMe
H	acyl	NH <sub>2</sub>	H	SEt
H	acyl	NH <sub>2</sub>	H	S-cyclopropyl
H	acyl	NH <sub>2</sub>	H	F
H	acyl	NH <sub>2</sub>	H	Cl
H	acyl	NH <sub>2</sub>	H	Br
H	acyl	NH <sub>2</sub>	H	I
H	amino acid	NH <sub>2</sub>	H	H
H	amino acid	NH <sub>2</sub>	H	NH <sub>2</sub>
H	amino acid	NH <sub>2</sub>	H	NH-cyclopropyl
H	amino acid	NH <sub>2</sub>	H	NH-methyl
H	amino acid	NH <sub>2</sub>	H	NH-ethyl
H	amino acid	NH <sub>2</sub>	H	NH-acetyl
H	amino acid	NH <sub>2</sub>	H	OH
H	amino acid	NH <sub>2</sub>	H	OMe
H	amino acid	NH <sub>2</sub>	H	OEt
H	amino acid	NH <sub>2</sub>	H	O-cyclopropyl
H	amino acid	NH <sub>2</sub>	H	O-acetyl
H	amino acid	NH <sub>2</sub>	H	SH
H	amino acid	NH <sub>2</sub>	H	SMe
H	amino acid	NH <sub>2</sub>	H	SEt
H	amino acid	NH <sub>2</sub>	H	S-cyclopropyl
H	amino acid	NH <sub>2</sub>	H	F
H	amino acid	NH <sub>2</sub>	H	Cl
H	amino acid	NH <sub>2</sub>	H	Br
H	amino acid	NH <sub>2</sub>	H	I
amino acid	amino acid	NH <sub>2</sub>	H	H
amino acid	amino acid	NH <sub>2</sub>	H	NH <sub>2</sub>
amino acid	amino acid	NH <sub>2</sub>	H	NH-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	H	NH-methyl
amino acid	amino acid	NH <sub>2</sub>	H	NH-ethyl
amino acid	amino acid	NH <sub>2</sub>	H	NH-acetyl
amino acid	amino acid	NH <sub>2</sub>	H	OH
amino acid	amino acid	NH <sub>2</sub>	H	OMe
amino acid	amino acid	NH <sub>2</sub>	H	OEt
amino acid	amino acid	NH <sub>2</sub>	H	O-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	NH <sub>2</sub>	H	O-acetyl
amino acid	amino acid	NH <sub>2</sub>	H	SH
amino acid	amino acid	NH <sub>2</sub>	H	SMe
amino acid	amino acid	NH <sub>2</sub>	H	SEt
amino acid	amino acid	NH <sub>2</sub>	H	S-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	H	F
amino acid	amino acid	NH <sub>2</sub>	H	Cl
amino acid	amino acid	NH <sub>2</sub>	H	Br
amino acid	amino acid	NH <sub>2</sub>	H	I
amino acid	H	NH <sub>2</sub>	H	H
amino acid	H	NH <sub>2</sub>	H	NH <sub>2</sub>
amino acid	H	NH <sub>2</sub>	H	NH-cyclopropyl
amino acid	H	NH <sub>2</sub>	H	NH-methyl
amino acid	H	NH <sub>2</sub>	H	NH-ethyl
amino acid	H	NH <sub>2</sub>	H	NH-acetyl
amino acid	H	NH <sub>2</sub>	H	OH
amino acid	H	NH <sub>2</sub>	H	OMe
amino acid	H	NH <sub>2</sub>	H	OEt
amino acid	H	NH <sub>2</sub>	H	O-cyclopropyl
amino acid	H	NH <sub>2</sub>	H	O-acetyl
amino acid	H	NH <sub>2</sub>	H	SH
amino acid	H	NH <sub>2</sub>	H	SMe
amino acid	H	NH <sub>2</sub>	H	SEt
amino acid	H	NH <sub>2</sub>	H	S-cyclopropyl
amino acid	H	NH <sub>2</sub>	H	F
amino acid	H	NH <sub>2</sub>	H	Cl
amino acid	H	NH <sub>2</sub>	H	Br
amino acid	H	NH <sub>2</sub>	H	I
amino acid	acyl	NH <sub>2</sub>	H	H
amino acid	acyl	NH <sub>2</sub>	H	NH <sub>2</sub>
amino acid	acyl	NH <sub>2</sub>	H	NH-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	H	NH-methyl
amino acid	acyl	NH <sub>2</sub>	H	NH-ethyl
amino acid	acyl	NH <sub>2</sub>	H	NH-acetyl
amino acid	acyl	NH <sub>2</sub>	H	OH
amino acid	acyl	NH <sub>2</sub>	H	OMe
amino acid	acyl	NH <sub>2</sub>	H	OEt
amino acid	acyl	NH <sub>2</sub>	H	O-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	H	O-acetyl
amino acid	acyl	NH <sub>2</sub>	H	SH
amino acid	acyl	NH <sub>2</sub>	H	SMe
amino acid	acyl	NH <sub>2</sub>	H	SEt
amino acid	acyl	NH <sub>2</sub>	H	S-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	H	F
amino acid	acyl	NH <sub>2</sub>	H	Cl
amino acid	acyl	NH <sub>2</sub>	H	Br
amino acid	acyl	NH <sub>2</sub>	H	I

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	H	NH <sub>2</sub>	H
acyl	H	H	NH <sub>2</sub>	NH <sub>2</sub>
acyl	H	H	NH <sub>2</sub>	NH-cyclopropyl
acyl	H	H	NH <sub>2</sub>	NH-methyl
acyl	H	H	NH <sub>2</sub>	NH-ethyl
acyl	H	H	NH <sub>2</sub>	NH-acetyl
acyl	H	H	NH <sub>2</sub>	OH
acyl	H	H	NH <sub>2</sub>	OMe
acyl	H	H	NH <sub>2</sub>	OEt
acyl	H	H	NH <sub>2</sub>	O-cyclopropyl
acyl	H	H	NH <sub>2</sub>	O-acetyl
acyl	H	H	NH <sub>2</sub>	SH
acyl	H	H	NH <sub>2</sub>	SMe
acyl	H	H	NH <sub>2</sub>	SEt
acyl	H	H	NH <sub>2</sub>	S-cyclopropyl
acyl	H	H	NH <sub>2</sub>	F
acyl	H	H	NH <sub>2</sub>	Cl
acyl	H	H	NH <sub>2</sub>	Br
acyl	H	H	NH <sub>2</sub>	I
acyl	acyl	H	NH <sub>2</sub>	H
acyl	acyl	H	NH <sub>2</sub>	NH <sub>2</sub>
acyl	acyl	H	NH <sub>2</sub>	NH-cyclopropyl
acyl	acyl	H	NH <sub>2</sub>	NH-methyl
acyl	acyl	H	NH <sub>2</sub>	NH-ethyl
acyl	acyl	H	NH <sub>2</sub>	NH-acetyl
acyl	acyl	H	NH <sub>2</sub>	OH
acyl	acyl	H	NH <sub>2</sub>	OMe
acyl	acyl	H	NH <sub>2</sub>	OEt
acyl	acyl	H	NH <sub>2</sub>	O-cyclopropyl
acyl	acyl	H	NH <sub>2</sub>	O-acetyl
acyl	acyl	H	NH <sub>2</sub>	SH
acyl	acyl	H	NH <sub>2</sub>	SMe
acyl	acyl	H	NH <sub>2</sub>	SEt
acyl	acyl	H	NH <sub>2</sub>	S-cyclopropyl
acyl	acyl	H	NH <sub>2</sub>	F
acyl	acyl	H	NH <sub>2</sub>	Cl
acyl	acyl	H	NH <sub>2</sub>	Br
acyl	acyl	H	NH <sub>2</sub>	I
acyl	amino acid	H	NH <sub>2</sub>	H
acyl	amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>
acyl	amino acid	H	NH <sub>2</sub>	NH-cyclopropyl
acyl	amino acid	H	NH <sub>2</sub>	NH-methyl
acyl	amino acid	H	NH <sub>2</sub>	NH-ethyl
acyl	amino acid	H	NH <sub>2</sub>	NH-acetyl
acyl	amino acid	H	NH <sub>2</sub>	OH
acyl	amino acid	H	NH <sub>2</sub>	OMe
acyl	amino acid	H	NH <sub>2</sub>	OEt



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	H	NH <sub>2</sub>	O-cyclopropyl
acyl	amino acid	H	NH <sub>2</sub>	O-acetyl
acyl	amino acid	H	NH <sub>2</sub>	SH
acyl	amino acid	H	NH <sub>2</sub>	SMe
acyl	amino acid	H	NH <sub>2</sub>	SEt
acyl	amino acid	H	NH <sub>2</sub>	S-cyclopropyl
acyl	amino acid	H	NH <sub>2</sub>	F
acyl	amino acid	H	NH <sub>2</sub>	Cl
acyl	amino acid	H	NH <sub>2</sub>	Br
acyl	amino acid	H	NH <sub>2</sub>	I
H	acyl	H	NH <sub>2</sub>	H
H	acyl	H	NH <sub>2</sub>	NH <sub>2</sub>
H	acyl	H	NH <sub>2</sub>	NH-cyclopropyl
H	acyl	H	NH <sub>2</sub>	NH-methyl
H	acyl	H	NH <sub>2</sub>	NH-ethyl
H	acyl	H	NH <sub>2</sub>	NH-acetyl
H	acyl	H	NH <sub>2</sub>	OH
H	acyl	H	NH <sub>2</sub>	OMe
H	acyl	H	NH <sub>2</sub>	OEt
H	acyl	H	NH <sub>2</sub>	O-cyclopropyl
H	acyl	H	NH <sub>2</sub>	O-acetyl
H	acyl	H	NH <sub>2</sub>	SH
H	acyl	H	NH <sub>2</sub>	SMe
H	acyl	H	NH <sub>2</sub>	SEt
H	acyl	H	NH <sub>2</sub>	S-cyclopropyl
H	acyl	H	NH <sub>2</sub>	F
H	acyl	H	NH <sub>2</sub>	Cl
H	acyl	H	NH <sub>2</sub>	Br
H	acyl	H	NH <sub>2</sub>	I
H	amino acid	H	NH <sub>2</sub>	H
H	amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>
H	amino acid	H	NH <sub>2</sub>	NH-cyclopropyl
H	amino acid	H	NH <sub>2</sub>	NH-methyl
H	amino acid	H	NH <sub>2</sub>	NH-ethyl
H	amino acid	H	NH <sub>2</sub>	NH-acetyl
H	amino acid	H	NH <sub>2</sub>	OH
H	amino acid	H	NH <sub>2</sub>	OMe
H	amino acid	H	NH <sub>2</sub>	OEt
H	amino acid	H	NH <sub>2</sub>	O-cyclopropyl
H	amino acid	H	NH <sub>2</sub>	O-acetyl
H	amino acid	H	NH <sub>2</sub>	SH
H	amino acid	H	NH <sub>2</sub>	SMe
H	amino acid	H	NH <sub>2</sub>	SEt
H	amino acid	H	NH <sub>2</sub>	S-cyclopropyl
H	amino acid	H	NH <sub>2</sub>	F
H	amino acid	H	NH <sub>2</sub>	Cl
H	amino acid	H	NH <sub>2</sub>	Br

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	H	NH <sub>2</sub>	I
amino acid	amino acid	H	NH <sub>2</sub>	H
amino acid	amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	amino acid	H	NH <sub>2</sub>	NH-cyclopropyl
amino acid	amino acid	H	NH <sub>2</sub>	NH-methyl
amino acid	amino acid	H	NH <sub>2</sub>	NH-ethyl
amino acid	amino acid	H	NH <sub>2</sub>	NH-acetyl
amino acid	amino acid	H	NH <sub>2</sub>	OH
amino acid	amino acid	H	NH <sub>2</sub>	OMe
amino acid	amino acid	H	NH <sub>2</sub>	OEt
amino acid	amino acid	H	NH <sub>2</sub>	O-cyclopropyl
amino acid	amino acid	H	NH <sub>2</sub>	O-acetyl
amino acid	amino acid	H	NH <sub>2</sub>	SH
amino acid	amino acid	H	NH <sub>2</sub>	SMe
amino acid	amino acid	H	NH <sub>2</sub>	SEt
amino acid	amino acid	H	NH <sub>2</sub>	S-cyclopropyl
amino acid	amino acid	H	NH <sub>2</sub>	F
amino acid	amino acid	H	NH <sub>2</sub>	Cl
amino acid	amino acid	H	NH <sub>2</sub>	Br
amino acid	amino acid	H	NH <sub>2</sub>	I
amino acid	H	H	NH <sub>2</sub>	H
amino acid	H	H	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	H	H	NH <sub>2</sub>	NH-cyclopropyl
amino acid	H	H	NH <sub>2</sub>	NH-methyl
amino acid	H	H	NH <sub>2</sub>	NH-ethyl
amino acid	H	H	NH <sub>2</sub>	NH-acetyl
amino acid	H	H	NH <sub>2</sub>	OH
amino acid	H	H	NH <sub>2</sub>	OMe
amino acid	H	H	NH <sub>2</sub>	OEt
amino acid	H	H	NH <sub>2</sub>	O-cyclopropyl
amino acid	H	H	NH <sub>2</sub>	O-acetyl
amino acid	H	H	NH <sub>2</sub>	SH
amino acid	H	H	NH <sub>2</sub>	SMe
amino acid	H	H	NH <sub>2</sub>	SEt
amino acid	H	H	NH <sub>2</sub>	S-cyclopropyl
amino acid	H	H	NH <sub>2</sub>	F
amino acid	H	H	NH <sub>2</sub>	Cl
amino acid	H	H	NH <sub>2</sub>	Br
amino acid	H	H	NH <sub>2</sub>	I
amino acid	acyl	H	NH <sub>2</sub>	H
amino acid	acyl	H	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	acyl	H	NH <sub>2</sub>	NH-cyclopropyl
amino acid	acyl	H	NH <sub>2</sub>	NH-methyl
amino acid	acyl	H	NH <sub>2</sub>	NH-ethyl
amino acid	acyl	H	NH <sub>2</sub>	NH-acetyl
amino acid	acyl	H	NH <sub>2</sub>	OH
amino acid	acyl	H	NH <sub>2</sub>	OMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	H	NH <sub>2</sub>	OEt
amino acid	acyl	H	NH <sub>2</sub>	O-cyclopropyl
amino acid	acyl	H	NH <sub>2</sub>	O-acetyl
amino acid	acyl	H	NH <sub>2</sub>	SH
amino acid	acyl	H	NH <sub>2</sub>	SMe
amino acid	acyl	H	NH <sub>2</sub>	SEt
amino acid	acyl	H	NH <sub>2</sub>	S-cyclopropyl
amino acid	acyl	H	NH <sub>2</sub>	F
amino acid	acyl	H	NH <sub>2</sub>	Cl
amino acid	acyl	H	NH <sub>2</sub>	Br
amino acid	acyl	H	NH <sub>2</sub>	I
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>	H
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>	NH <sub>2</sub>
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>	NH-cyclopropyl
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>	NH-methyl
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>	NH-ethyl
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>	NH-acetyl
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>	OH
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>	OMe
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>	OEt
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>	O-cyclopropyl
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>	O-acetyl
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>	SH
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>	SMe
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>	SEt
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>	S-cyclopropyl
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>	F
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>	Cl
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>	Br
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>	I
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>	H
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>	NH <sub>2</sub>
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>	NH-cyclopropyl
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>	NH-methyl
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>	NH-ethyl
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>	NH-acetyl
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>	OH
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>	OMe
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>	OEt
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>	O-cyclopropyl
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>	O-acetyl
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>	SH
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>	SMe
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>	SEt
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>	S-cyclopropyl
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>	F
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>	Cl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>	Br
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>	I
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	H
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	NH <sub>2</sub>
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	NH-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	NH-methyl
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	NH-ethyl
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	NH-acetyl
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	OH
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	OMe
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	OEt
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	O-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	O-acetyl
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	SH
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	SMe
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	SEt
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	S-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	F
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	Cl
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	Br
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	I
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>	H
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>	NH <sub>2</sub>
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>	NH-cyclopropyl
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>	NH-methyl
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>	NH-ethyl
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>	NH-acetyl
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>	OH
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>	OMe
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>	OEt
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>	O-cyclopropyl
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>	O-acetyl
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>	SH
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>	SMe
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>	SEt
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>	S-cyclopropyl
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>	F
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>	Cl
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>	Br
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>	I
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	H
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	NH <sub>2</sub>
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	NH-cyclopropyl
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	NH-methyl
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	NH-ethyl
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	NH-acetyl
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	OH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	OMe
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	OEt
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	O-cyclopropyl
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	O-acetyl
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	SH
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	SMe
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	SEt
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	S-cyclopropyl
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	F
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	Cl
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	Br
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	I
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	H
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	NH-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	NH-methyl
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	NH-ethyl
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	NH-acetyl
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	OH
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	OMe
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	OEt
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	O-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	O-acetyl
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	SH
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	SMe
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	SEt
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	S-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	F
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	Cl
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	Br
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>	I
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>	H
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>	NH-cyclopropyl
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>	NH-methyl
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>	NH-ethyl
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>	NH-acetyl
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>	OH
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>	OMe
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>	OEt
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>	O-cyclopropyl
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>	O-acetyl
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>	SH
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>	SMe
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>	SEt
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>	S-cyclopropyl
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>	F

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>	Cl
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>	Br
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>	I
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>	H
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>	NH-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>	NH-methyl
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>	NH-ethyl
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>	NH-acetyl
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>	OH
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>	OMe
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>	OEt
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>	O-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>	O-acetyl
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>	SH
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>	SMe
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>	SEt
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>	S-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>	F
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>	Cl
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>	Br
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>	I
acyl	H	OH	NH <sub>2</sub>	H
acyl	H	OH	NH <sub>2</sub>	NH <sub>2</sub>
acyl	H	OH	NH <sub>2</sub>	NH-cyclopropyl
acyl	H	OH	NH <sub>2</sub>	NH-methyl
acyl	H	OH	NH <sub>2</sub>	NH-ethyl
acyl	H	OH	NH <sub>2</sub>	NH-acetyl
acyl	H	OH	NH <sub>2</sub>	OH
acyl	H	OH	NH <sub>2</sub>	OMe
acyl	H	OH	NH <sub>2</sub>	OEt
acyl	H	OH	NH <sub>2</sub>	O-cyclopropyl
acyl	H	OH	NH <sub>2</sub>	O-acetyl
acyl	H	OH	NH <sub>2</sub>	SH
acyl	H	OH	NH <sub>2</sub>	SMe
acyl	H	OH	NH <sub>2</sub>	SEt
acyl	H	OH	NH <sub>2</sub>	S-cyclopropyl
acyl	H	OH	NH <sub>2</sub>	F
acyl	H	OH	NH <sub>2</sub>	Cl
acyl	H	OH	NH <sub>2</sub>	Br
acyl	H	OH	NH <sub>2</sub>	I
acyl	acyl	OH	NH <sub>2</sub>	H
acyl	acyl	OH	NH <sub>2</sub>	NH <sub>2</sub>
acyl	acyl	OH	NH <sub>2</sub>	NH-cyclopropyl
acyl	acyl	OH	NH <sub>2</sub>	NH-methyl
acyl	acyl	OH	NH <sub>2</sub>	NH-ethyl
acyl	acyl	OH	NH <sub>2</sub>	NH-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	OH	NH <sub>2</sub>	OH
acyl	acyl	OH	NH <sub>2</sub>	OMe
acyl	acyl	OH	NH <sub>2</sub>	OEt
acyl	acyl	OH	NH <sub>2</sub>	O-cyclopropyl
acyl	acyl	OH	NH <sub>2</sub>	O-acetyl
acyl	acyl	OH	NH <sub>2</sub>	SH
acyl	acyl	OH	NH <sub>2</sub>	SMe
acyl	acyl	OH	NH <sub>2</sub>	SEt
acyl	acyl	OH	NH <sub>2</sub>	S-cyclopropyl
acyl	acyl	OH	NH <sub>2</sub>	F
acyl	acyl	OH	NH <sub>2</sub>	Cl
acyl	acyl	OH	NH <sub>2</sub>	Br
acyl	acyl	OH	NH <sub>2</sub>	I
acyl	amino acid	OH	NH <sub>2</sub>	H
acyl	amino acid	OH	NH <sub>2</sub>	NH <sub>2</sub>
acyl	amino acid	OH	NH <sub>2</sub>	NH-cyclopropyl
acyl	amino acid	OH	NH <sub>2</sub>	NH-methyl
acyl	amino acid	OH	NH <sub>2</sub>	NH-ethyl
acyl	amino acid	OH	NH <sub>2</sub>	NH-acetyl
acyl	amino acid	OH	NH <sub>2</sub>	OH
acyl	amino acid	OH	NH <sub>2</sub>	OMe
acyl	amino acid	OH	NH <sub>2</sub>	OEt
acyl	amino acid	OH	NH <sub>2</sub>	O-cyclopropyl
acyl	amino acid	OH	NH <sub>2</sub>	O-acetyl
acyl	amino acid	OH	NH <sub>2</sub>	SH
acyl	amino acid	OH	NH <sub>2</sub>	SMe
acyl	amino acid	OH	NH <sub>2</sub>	SEt
acyl	amino acid	OH	NH <sub>2</sub>	S-cyclopropyl
acyl	amino acid	OH	NH <sub>2</sub>	F
acyl	amino acid	OH	NH <sub>2</sub>	Cl
acyl	amino acid	OH	NH <sub>2</sub>	Br
acyl	amino acid	OH	NH <sub>2</sub>	I
H	acyl	OH	NH <sub>2</sub>	H
H	acyl	OH	NH <sub>2</sub>	NH <sub>2</sub>
H	acyl	OH	NH <sub>2</sub>	NH-cyclopropyl
H	acyl	OH	NH <sub>2</sub>	NH-methyl
H	acyl	OH	NH <sub>2</sub>	NH-ethyl
H	acyl	OH	NH <sub>2</sub>	NH-acetyl
H	acyl	OH	NH <sub>2</sub>	OH
H	acyl	OH	NH <sub>2</sub>	OMe
H	acyl	OH	NH <sub>2</sub>	OEt
H	acyl	OH	NH <sub>2</sub>	O-cyclopropyl
H	acyl	OH	NH <sub>2</sub>	O-acetyl
H	acyl	OH	NH <sub>2</sub>	SH
H	acyl	OH	NH <sub>2</sub>	SMe
H	acyl	OH	NH <sub>2</sub>	SEt
H	acyl	OH	NH <sub>2</sub>	S-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	OH	NH <sub>2</sub>	F
H	acyl	OH	NH <sub>2</sub>	Cl
H	acyl	OH	NH <sub>2</sub>	Br
H	acyl	OH	NH <sub>2</sub>	I
H	amino acid	OH	NH <sub>2</sub>	H
H	amino acid	OH	NH <sub>2</sub>	NH <sub>2</sub>
H	amino acid	OH	NH <sub>2</sub>	NH-cyclopropyl
H	amino acid	OH	NH <sub>2</sub>	NH-methyl
H	amino acid	OH	NH <sub>2</sub>	NH-ethyl
H	amino acid	OH	NH <sub>2</sub>	NH-acetyl
H	amino acid	OH	NH <sub>2</sub>	OH
H	amino acid	OH	NH <sub>2</sub>	OMe
H	amino acid	OH	NH <sub>2</sub>	OEt
H	amino acid	OH	NH <sub>2</sub>	O-cyclopropyl
H	amino acid	OH	NH <sub>2</sub>	O-acetyl
H	amino acid	OH	NH <sub>2</sub>	SH
H	amino acid	OH	NH <sub>2</sub>	SMe
H	amino acid	OH	NH <sub>2</sub>	SEt
H	amino acid	OH	NH <sub>2</sub>	S-cyclopropyl
H	amino acid	OH	NH <sub>2</sub>	F
H	amino acid	OH	NH <sub>2</sub>	Cl
H	amino acid	OH	NH <sub>2</sub>	Br
H	amino acid	OH	NH <sub>2</sub>	I
amino acid	amino acid	OH	NH <sub>2</sub>	H
amino acid	amino acid	OH	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	amino acid	OH	NH <sub>2</sub>	NH-cyclopropyl
amino acid	amino acid	OH	NH <sub>2</sub>	NH-methyl
amino acid	amino acid	OH	NH <sub>2</sub>	NH-ethyl
amino acid	amino acid	OH	NH <sub>2</sub>	NH-acetyl
amino acid	amino acid	OH	NH <sub>2</sub>	OH
amino acid	amino acid	OH	NH <sub>2</sub>	OMe
amino acid	amino acid	OH	NH <sub>2</sub>	OEt
amino acid	amino acid	OH	NH <sub>2</sub>	O-cyclopropyl
amino acid	amino acid	OH	NH <sub>2</sub>	O-acetyl
amino acid	amino acid	OH	NH <sub>2</sub>	SH
amino acid	amino acid	OH	NH <sub>2</sub>	SMe
amino acid	amino acid	OH	NH <sub>2</sub>	SEt
amino acid	amino acid	OH	NH <sub>2</sub>	S-cyclopropyl
amino acid	amino acid	OH	NH <sub>2</sub>	F
amino acid	amino acid	OH	NH <sub>2</sub>	Cl
amino acid	amino acid	OH	NH <sub>2</sub>	Br
amino acid	amino acid	OH	NH <sub>2</sub>	I
amino acid	H	OH	NH <sub>2</sub>	H
amino acid	H	OH	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	H	OH	NH <sub>2</sub>	NH-cyclopropyl
amino acid	H	OH	NH <sub>2</sub>	NH-methyl
amino acid	H	OH	NH <sub>2</sub>	NH-ethyl



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	OH	NH <sub>2</sub>	NH-acetyl
amino acid	H	OH	NH <sub>2</sub>	OH
amino acid	H	OH	NH <sub>2</sub>	OMe
amino acid	H	OH	NH <sub>2</sub>	OEt
amino acid	H	OH	NH <sub>2</sub>	O-cyclopropyl
amino acid	H	OH	NH <sub>2</sub>	O-acetyl
amino acid	H	OH	NH <sub>2</sub>	SH
amino acid	H	OH	NH <sub>2</sub>	SMe
amino acid	H	OH	NH <sub>2</sub>	SEt
amino acid	H	OH	NH <sub>2</sub>	S-cyclopropyl
amino acid	H	OH	NH <sub>2</sub>	F
amino acid	H	OH	NH <sub>2</sub>	Cl
amino acid	H	OH	NH <sub>2</sub>	Br
amino acid	H	OH	NH <sub>2</sub>	I
amino acid	acyl	OH	NH <sub>2</sub>	H
amino acid	acyl	OH	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	acyl	OH	NH <sub>2</sub>	NH-cyclopropyl
amino acid	acyl	OH	NH <sub>2</sub>	NH-methyl
amino acid	acyl	OH	NH <sub>2</sub>	NH-ethyl
amino acid	acyl	OH	NH <sub>2</sub>	NH-acetyl
amino acid	acyl	OH	NH <sub>2</sub>	OH
amino acid	acyl	OH	NH <sub>2</sub>	OMe
amino acid	acyl	OH	NH <sub>2</sub>	OEt
amino acid	acyl	OH	NH <sub>2</sub>	O-cyclopropyl
amino acid	acyl	OH	NH <sub>2</sub>	O-acetyl
amino acid	acyl	OH	NH <sub>2</sub>	SH
amino acid	acyl	OH	NH <sub>2</sub>	SMe
amino acid	acyl	OH	NH <sub>2</sub>	SEt
amino acid	acyl	OH	NH <sub>2</sub>	S-cyclopropyl
amino acid	acyl	OH	NH <sub>2</sub>	F
amino acid	acyl	OH	NH <sub>2</sub>	Cl
amino acid	acyl	OH	NH <sub>2</sub>	Br
amino acid	acyl	OH	NH <sub>2</sub>	I
acyl	H	OH	H	H
acyl	H	OH	H	NH <sub>2</sub>
acyl	H	OH	H	NH-cyclopropyl
acyl	H	OH	H	NH-methyl
acyl	H	OH	H	NH-ethyl
acyl	H	OH	H	NH-acetyl
acyl	H	OH	H	OH
acyl	H	OH	H	OMe
acyl	H	OH	H	OEt
acyl	H	OH	H	O-cyclopropyl
acyl	H	OH	H	O-acetyl
acyl	H	OH	H	SH
acyl	H	OH	H	SMe
acyl	H	OH	H	SEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	OH	H	S-cyclopropyl
acyl	H	OH	H	F
acyl	H	OH	H	Cl
acyl	H	OH	H	Br
acyl	H	OH	H	I
acyl	acyl	OH	H	H
acyl	acyl	OH	H	NH <sub>2</sub>
acyl	acyl	OH	H	NH-cyclopropyl
acyl	acyl	OH	H	NH-methyl
acyl	acyl	OH	H	NH-ethyl
acyl	acyl	OH	H	NH-acetyl
acyl	acyl	OH	H	OH
acyl	acyl	OH	H	OMe
acyl	acyl	OH	H	OEt
acyl	acyl	OH	H	O-cyclopropyl
acyl	acyl	OH	H	O-acetyl
acyl	acyl	OH	H	SH
acyl	acyl	OH	H	SMe
acyl	acyl	OH	H	SEt
acyl	acyl	OH	H	S-cyclopropyl
acyl	acyl	OH	H	F
acyl	acyl	OH	H	Cl
acyl	acyl	OH	H	Br
acyl	acyl	OH	H	I
acyl	amino acid	OH	H	H
acyl	amino acid	OH	H	NH <sub>2</sub>
acyl	amino acid	OH	H	NH-cyclopropyl
acyl	amino acid	OH	H	NH-methyl
acyl	amino acid	OH	H	NH-ethyl
acyl	amino acid	OH	H	NH-acetyl
acyl	amino acid	OH	H	OH
acyl	amino acid	OH	H	OMe
acyl	amino acid	OH	H	OEt
acyl	amino acid	OH	H	O-cyclopropyl
acyl	amino acid	OH	H	O-acetyl
acyl	amino acid	OH	H	SH
acyl	amino acid	OH	H	SMe
acyl	amino acid	OH	H	SEt
acyl	amino acid	OH	H	S-cyclopropyl
acyl	amino acid	OH	H	F
acyl	amino acid	OH	H	Cl
acyl	amino acid	OH	H	Br
acyl	amino acid	OH	H	I
H	acyl	OH	H	H
H	acyl	OH	H	NH <sub>2</sub>
H	acyl	OH	H	NH-cyclopropyl
H	acyl	OH	H	NH-methyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	OH	H	NH-ethyl
H	acyl	OH	H	NH-acetyl
H	acyl	OH	H	OH
H	acyl	OH	H	OMe
H	acyl	OH	H	OEt
H	acyl	OH	H	O-cyclopropyl
H	acyl	OH	H	O-acetyl
H	acyl	OH	H	SH
H	acyl	OH	H	SMe
H	acyl	OH	H	SEt
H	acyl	OH	H	S-cyclopropyl
H	acyl	OH	H	F
H	acyl	OH	H	Cl
H	acyl	OH	H	Br
H	acyl	OH	H	I
H	amino acid	OH	H	H
H	amino acid	OH	H	NH <sub>2</sub>
H	amino acid	OH	H	NH-cyclopropyl
H	amino acid	OH	H	NH-methyl
H	amino acid	OH	H	NH-ethyl
H	amino acid	OH	H	NH-acetyl
H	amino acid	OH	H	OH
H	amino acid	OH	H	OMe
H	amino acid	OH	H	OEt
H	amino acid	OH	H	O-cyclopropyl
H	amino acid	OH	H	O-acetyl
H	amino acid	OH	H	SH
H	amino acid	OH	H	SMe
H	amino acid	OH	H	SEt
H	amino acid	OH	H	S-cyclopropyl
H	amino acid	OH	H	F
H	amino acid	OH	H	Cl
H	amino acid	OH	H	Br
H	amino acid	OH	H	I
amino acid	amino acid	OH	H	H
amino acid	amino acid	OH	H	NH <sub>2</sub>
amino acid	amino acid	OH	H	NH-cyclopropyl
amino acid	amino acid	OH	H	NH-methyl
amino acid	amino acid	OH	H	NH-ethyl
amino acid	amino acid	OH	H	NH-acetyl
amino acid	amino acid	OH	H	OH
amino acid	amino acid	OH	H	OMe
amino acid	amino acid	OH	H	OEt
amino acid	amino acid	OH	H	O-cyclopropyl
amino acid	amino acid	OH	H	O-acetyl
amino acid	amino acid	OH	H	SH
amino acid	amino acid	OH	H	SMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	OH	H	SEt
amino acid	amino acid	OH	H	S-cyclopropyl
amino acid	amino acid	OH	H	F
amino acid	amino acid	OH	H	Cl
amino acid	amino acid	OH	H	Br
amino acid	amino acid	OH	H	I
amino acid	H	OH	H	H
amino acid	H	OH	H	NH <sub>2</sub>
amino acid	H	OH	H	NH-cyclopropyl
amino acid	H	OH	H	NH-methyl
amino acid	H	OH	H	NH-ethyl
amino acid	H	OH	H	NH-acetyl
amino acid	H	OH	H	OH
amino acid	H	OH	H	OMe
amino acid	H	OH	H	OEt
amino acid	H	OH	H	O-cyclopropyl
amino acid	H	OH	H	O-acetyl
amino acid	H	OH	H	SH
amino acid	H	OH	H	SMe
amino acid	H	OH	H	SEt
amino acid	H	OH	H	S-cyclopropyl
amino acid	H	OH	H	F
amino acid	H	OH	H	Cl
amino acid	H	OH	H	Br
amino acid	H	OH	H	I
amino acid	acyl	OH	H	H
amino acid	acyl	OH	H	NH <sub>2</sub>
amino acid	acyl	OH	H	NH-cyclopropyl
amino acid	acyl	OH	H	NH-methyl
amino acid	acyl	OH	H	NH-ethyl
amino acid	acyl	OH	H	NH-acetyl
amino acid	acyl	OH	H	OH
amino acid	acyl	OH	H	OMe
amino acid	acyl	OH	H	OEt
amino acid	acyl	OH	H	O-cyclopropyl
amino acid	acyl	OH	H	O-acetyl
amino acid	acyl	OH	H	SH
amino acid	acyl	OH	H	SMe
amino acid	acyl	OH	H	SEt
amino acid	acyl	OH	H	S-cyclopropyl
amino acid	acyl	OH	H	F
amino acid	acyl	OH	H	Cl
amino acid	acyl	OH	H	Br
amino acid	acyl	OH	H	I
acyl	H	OH	OH	H
acyl	H	OH	OH	NH <sub>2</sub>
acyl	H	OH	OH	NH-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	OH	OH	NH-methyl
acyl	H	OH	OH	NH-ethyl
acyl	H	OH	OH	NH-acetyl
acyl	H	OH	OH	OH
acyl	H	OH	OH	OMe
acyl	H	OH	OH	OEt
acyl	H	OH	OH	O-cyclopropyl
acyl	H	OH	OH	O-acetyl
acyl	H	OH	OH	SH
acyl	H	OH	OH	SMe
acyl	H	OH	OH	SEt
acyl	H	OH	OH	S-cyclopropyl
acyl	H	OH	OH	F
acyl	H	OH	OH	Cl
acyl	H	OH	OH	Br
acyl	H	OH	OH	I
acyl	acyl	OH	OH	H
acyl	acyl	OH	OH	NH <sub>2</sub>
acyl	acyl	OH	OH	NH-cyclopropyl
acyl	acyl	OH	OH	NH-methyl
acyl	acyl	OH	OH	NH-ethyl
acyl	acyl	OH	OH	NH-acetyl
acyl	acyl	OH	OH	OH
acyl	acyl	OH	OH	OMe
acyl	acyl	OH	OH	OEt
acyl	acyl	OH	OH	O-cyclopropyl
acyl	acyl	OH	OH	O-acetyl
acyl	acyl	OH	OH	SH
acyl	acyl	OH	OH	SMe
acyl	acyl	OH	OH	SEt
acyl	acyl	OH	OH	S-cyclopropyl
acyl	acyl	OH	OH	F
acyl	acyl	OH	OH	Cl
acyl	acyl	OH	OH	Br
acyl	acyl	OH	OH	I
acyl	amino acid	OH	OH	H
acyl	amino acid	OH	OH	NH <sub>2</sub>
acyl	amino acid	OH	OH	NH-cyclopropyl
acyl	amino acid	OH	OH	NH-methyl
acyl	amino acid	OH	OH	NH-ethyl
acyl	amino acid	OH	OH	NH-acetyl
acyl	amino acid	OH	OH	OH
acyl	amino acid	OH	OH	OMe
acyl	amino acid	OH	OH	OEt
acyl	amino acid	OH	OH	O-cyclopropyl
acyl	amino acid	OH	OH	O-acetyl
acyl	amino acid	OH	OH	SH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	OH	OH	SMe
acyl	amino acid	OH	OH	SEt
acyl	amino acid	OH	OH	S-cyclopropyl
acyl	amino acid	OH	OH	F
acyl	amino acid	OH	OH	Cl
acyl	amino acid	OH	OH	Br
acyl	amino acid	OH	OH	I
H	acyl	OH	OH	H
H	acyl	OH	OH	NH <sub>2</sub>
H	acyl	OH	OH	NH-cyclopropyl
H	acyl	OH	OH	NH-methyl
H	acyl	OH	OH	NH-ethyl
H	acyl	OH	OH	NH-acetyl
H	acyl	OH	OH	OH
H	acyl	OH	OH	OMe
H	acyl	OH	OH	OEt
H	acyl	OH	OH	O-cyclopropyl
H	acyl	OH	OH	O-acetyl
H	acyl	OH	OH	SH
H	acyl	OH	OH	SMe
H	acyl	OH	OH	SEt
H	acyl	OH	OH	S-cyclopropyl
H	acyl	OH	OH	F
H	acyl	OH	OH	Cl
H	acyl	OH	OH	Br
H	acyl	OH	OH	I
H	amino acid	OH	OH	H
H	amino acid	OH	OH	NH <sub>2</sub>
H	amino acid	OH	OH	NH-cyclopropyl
H	amino acid	OH	OH	NH-methyl
H	amino acid	OH	OH	NH-ethyl
H	amino acid	OH	OH	NH-acetyl
H	amino acid	OH	OH	OH
H	amino acid	OH	OH	OMe
H	amino acid	OH	OH	OEt
H	amino acid	OH	OH	O-cyclopropyl
H	amino acid	OH	OH	O-acetyl
H	amino acid	OH	OH	SH
H	amino acid	OH	OH	SMe
H	amino acid	OH	OH	SEt
H	amino acid	OH	OH	S-cyclopropyl
H	amino acid	OH	OH	F
H	amino acid	OH	OH	Cl
H	amino acid	OH	OH	Br
H	amino acid	OH	OH	I
amino acid	amino acid	OH	OH	H
amino acid	amino acid	OH	OH	NH <sub>2</sub>

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	OH	OH	NH-cyclopropyl
amino acid	amino acid	OH	OH	NH-methyl
amino acid	amino acid	OH	OH	NH-ethyl
amino acid	amino acid	OH	OH	NH-acetyl
amino acid	amino acid	OH	OH	OH
amino acid	amino acid	OH	OH	OMe
amino acid	amino acid	OH	OH	OEt
amino acid	amino acid	OH	OH	O-cyclopropyl
amino acid	amino acid	OH	OH	O-acetyl
amino acid	amino acid	OH	OH	SH
amino acid	amino acid	OH	OH	SMe
amino acid	amino acid	OH	OH	SEt
amino acid	amino acid	OH	OH	S-cyclopropyl
amino acid	amino acid	OH	OH	F
amino acid	amino acid	OH	OH	Cl
amino acid	amino acid	OH	OH	Br
amino acid	amino acid	OH	OH	I
amino acid	H	OH	OH	H
amino acid	H	OH	OH	NH <sub>2</sub>
amino acid	H	OH	OH	NH-cyclopropyl
amino acid	H	OH	OH	NH-methyl
amino acid	H	OH	OH	NH-ethyl
amino acid	H	OH	OH	NH-acetyl
amino acid	H	OH	OH	OH
amino acid	H	OH	OH	OMe
amino acid	H	OH	OH	OEt
amino acid	H	OH	OH	O-cyclopropyl
amino acid	H	OH	OH	O-acetyl
amino acid	H	OH	OH	SH
amino acid	H	OH	OH	SMe
amino acid	H	OH	OH	SEt
amino acid	H	OH	OH	S-cyclopropyl
amino acid	H	OH	OH	F
amino acid	H	OH	OH	Cl
amino acid	H	OH	OH	Br
amino acid	H	OH	OH	I
amino acid	acyl	OH	OH	H
amino acid	acyl	OH	OH	NH <sub>2</sub>
amino acid	acyl	OH	OH	NH-cyclopropyl
amino acid	acyl	OH	OH	NH-methyl
amino acid	acyl	OH	OH	NH-ethyl
amino acid	acyl	OH	OH	NH-acetyl
amino acid	acyl	OH	OH	OH
amino acid	acyl	OH	OH	OMe
amino acid	acyl	OH	OH	OEt
amino acid	acyl	OH	OH	O-cyclopropyl
amino acid	acyl	OH	OH	O-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	OH	OH	SH
amino acid	acyl	OH	OH	SMe
amino acid	acyl	OH	OH	SEt
amino acid	acyl	OH	OH	S-cyclopropyl
amino acid	acyl	OH	OH	F
amino acid	acyl	OH	OH	Cl
amino acid	acyl	OH	OH	Br
amino acid	acyl	OH	OH	I
acyl	H	H	OH	H
acyl	H	H	OH	NH <sub>2</sub>
acyl	H	H	OH	NH-cyclopropyl
acyl	H	H	OH	NH-methyl
acyl	H	H	OH	NH-ethyl
acyl	H	H	OH	NH-acetyl
acyl	H	H	OH	OH
acyl	H	H	OH	OMe
acyl	H	H	OH	OEt
acyl	H	H	OH	O-cyclopropyl
acyl	H	H	OH	O-acetyl
acyl	H	H	OH	SH
acyl	H	H	OH	SMe
acyl	H	H	OH	SEt
acyl	H	H	OH	S-cyclopropyl
acyl	H	H	OH	F
acyl	H	H	OH	Cl
acyl	H	H	OH	Br
acyl	H	H	OH	I
acyl	acyl	H	OH	H
acyl	acyl	H	OH	NH <sub>2</sub>
acyl	acyl	H	OH	NH-cyclopropyl
acyl	acyl	H	OH	NH-methyl
acyl	acyl	H	OH	NH-ethyl
acyl	acyl	H	OH	NH-acetyl
acyl	acyl	H	OH	OH
acyl	acyl	H	OH	OMe
acyl	acyl	H	OH	OEt
acyl	acyl	H	OH	O-cyclopropyl
acyl	acyl	H	OH	O-acetyl
acyl	acyl	H	OH	SH
acyl	acyl	H	OH	SMe
acyl	acyl	H	OH	SEt
acyl	acyl	H	OH	S-cyclopropyl
acyl	acyl	H	OH	F
acyl	acyl	H	OH	Cl
acyl	acyl	H	OH	Br
acyl	acyl	H	OH	I
acyl	amino acid	H	OH	H



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	H	OH	NH <sub>2</sub>
acyl	amino acid	H	OH	NH-cyclopropyl
acyl	amino acid	H	OH	NH-methyl
acyl	amino acid	H	OH	NH-ethyl
acyl	amino acid	H	OH	NH-acetyl
acyl	amino acid	H	OH	OH
acyl	amino acid	H	OH	OMe
acyl	amino acid	H	OH	OEt
acyl	amino acid	H	OH	O-cyclopropyl
acyl	amino acid	H	OH	O-acetyl
acyl	amino acid	H	OH	SH
acyl	amino acid	H	OH	SMe
acyl	amino acid	H	OH	SEt
acyl	amino acid	H	OH	S-cyclopropyl
acyl	amino acid	H	OH	F
acyl	amino acid	H	OH	Cl
acyl	amino acid	H	OH	Br
acyl	amino acid	H	OH	I
H	acyl	H	OH	H
H	acyl	H	OH	NH <sub>2</sub>
H	acyl	H	OH	NH-cyclopropyl
H	acyl	H	OH	NH-methyl
H	acyl	H	OH	NH-ethyl
H	acyl	H	OH	NH-acetyl
H	acyl	H	OH	OH
H	acyl	H	OH	OMe
H	acyl	H	OH	OEt
H	acyl	H	OH	O-cyclopropyl
H	acyl	H	OH	O-acetyl
H	acyl	H	OH	SH
H	acyl	H	OH	SMe
H	acyl	H	OH	SEt
H	acyl	H	OH	S-cyclopropyl
H	acyl	H	OH	F
H	acyl	H	OH	Cl
H	acyl	H	OH	Br
H	acyl	H	OH	I
H	amino acid	H	OH	H
H	amino acid	H	OH	NH <sub>2</sub>
H	amino acid	H	OH	NH-cyclopropyl
H	amino acid	H	OH	NH-methyl
H	amino acid	H	OH	NH-ethyl
H	amino acid	H	OH	NH-acetyl
H	amino acid	H	OH	OH
H	amino acid	H	OH	OMe
H	amino acid	H	OH	OEt
H	amino acid	H	OH	O-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	H	OH	O-acetyl
H	amino acid	H	OH	SH
H	amino acid	H	OH	SMe
H	amino acid	H	OH	SEt
H	amino acid	H	OH	S-cyclopropyl
H	amino acid	H	OH	F
H	amino acid	H	OH	Cl
H	amino acid	H	OH	Br
H	amino acid	H	OH	I
amino acid	amino acid	H	OH	H
amino acid	amino acid	H	OH	NH <sub>2</sub>
amino acid	amino acid	H	OH	NH-cyclopropyl
amino acid	amino acid	H	OH	NH-methyl
amino acid	amino acid	H	OH	NH-ethyl
amino acid	amino acid	H	OH	NH-acetyl
amino acid	amino acid	H	OH	OH
amino acid	amino acid	H	OH	OMe
amino acid	amino acid	H	OH	OEt
amino acid	amino acid	H	OH	O-cyclopropyl
amino acid	amino acid	H	OH	O-acetyl
amino acid	amino acid	H	OH	SH
amino acid	amino acid	H	OH	SMe
amino acid	amino acid	H	OH	SEt
amino acid	amino acid	H	OH	S-cyclopropyl
amino acid	amino acid	H	OH	F
amino acid	amino acid	H	OH	Cl
amino acid	amino acid	H	OH	Br
amino acid	amino acid	H	OH	I
amino acid	H	H	OH	H
amino acid	H	H	OH	NH <sub>2</sub>
amino acid	H	H	OH	NH-cyclopropyl
amino acid	H	H	OH	NH-methyl
amino acid	H	H	OH	NH-ethyl
amino acid	H	H	OH	NH-acetyl
amino acid	H	H	OH	OH
amino acid	H	H	OH	OMe
amino acid	H	H	OH	OEt
amino acid	H	H	OH	O-cyclopropyl
amino acid	H	H	OH	O-acetyl
amino acid	H	H	OH	SH
amino acid	H	H	OH	SMe
amino acid	H	H	OH	SEt
amino acid	H	H	OH	S-cyclopropyl
amino acid	H	H	OH	F
amino acid	H	H	OH	Cl
amino acid	H	H	OH	Br
amino acid	H	H	OH	I

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	H	OH	H
amino acid	acyl	H	OH	NH <sub>2</sub>
amino acid	acyl	H	OH	NH-cyclopropyl
amino acid	acyl	H	OH	NH-methyl
amino acid	acyl	H	OH	NH-ethyl
amino acid	acyl	H	OH	NH-acetyl
amino acid	acyl	H	OH	OH
amino acid	acyl	H	OH	OMe
amino acid	acyl	H	OH	OEt
amino acid	acyl	H	OH	O-cyclopropyl
amino acid	acyl	H	OH	O-acetyl
amino acid	acyl	H	OH	SH
amino acid	acyl	H	OH	SMe
amino acid	acyl	H	OH	SEt
amino acid	acyl	H	OH	S-cyclopropyl
amino acid	acyl	H	OH	F
amino acid	acyl	H	OH	Cl
amino acid	acyl	H	OH	Br
amino acid	acyl	H	OH	I
acyl	H	OH	SH	H
acyl	H	OH	SH	NH <sub>2</sub>
acyl	H	OH	SH	NH-cyclopropyl
acyl	H	OH	SH	NH-methyl
acyl	H	OH	SH	NH-ethyl
acyl	H	OH	SH	NH-acetyl
acyl	H	OH	SH	OH
acyl	H	OH	SH	OMe
acyl	H	OH	SH	OEt
acyl	H	OH	SH	O-cyclopropyl
acyl	H	OH	SH	O-acetyl
acyl	H	OH	SH	SH
acyl	H	OH	SH	SMe
acyl	H	OH	SH	SEt
acyl	H	OH	SH	S-cyclopropyl
acyl	H	OH	SH	F
acyl	H	OH	SH	Cl
acyl	H	OH	SH	Br
acyl	H	OH	SH	I
acyl	acyl	OH	SH	H
acyl	acyl	OH	SH	NH <sub>2</sub>
acyl	acyl	OH	SH	NH-cyclopropyl
acyl	acyl	OH	SH	NH-methyl
acyl	acyl	OH	SH	NH-ethyl
acyl	acyl	OH	SH	NH-acetyl
acyl	acyl	OH	SH	OH
acyl	acyl	OH	SH	OMe
acyl	acyl	OH	SH	OEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	OH	SH	O-cyclopropyl
acyl	acyl	OH	SH	O-acetyl
acyl	acyl	OH	SH	SH
acyl	acyl	OH	SH	SMe
acyl	acyl	OH	SH	SEt
acyl	acyl	OH	SH	S-cyclopropyl
acyl	acyl	OH	SH	F
acyl	acyl	OH	SH	Cl
acyl	acyl	OH	SH	Br
acyl	acyl	OH	SH	I
acyl	amino acid	OH	SH	H
acyl	amino acid	OH	SH	NH <sub>2</sub>
acyl	amino acid	OH	SH	NH-cyclopropyl
acyl	amino acid	OH	SH	NH-methyl
acyl	amino acid	OH	SH	NH-ethyl
acyl	amino acid	OH	SH	NH-acetyl
acyl	amino acid	OH	SH	OH
acyl	amino acid	OH	SH	OMe
acyl	amino acid	OH	SH	OEt
acyl	amino acid	OH	SH	O-cyclopropyl
acyl	amino acid	OH	SH	O-acetyl
acyl	amino acid	OH	SH	SH
acyl	amino acid	OH	SH	SMe
acyl	amino acid	OH	SH	SEt
acyl	amino acid	OH	SH	S-cyclopropyl
acyl	amino acid	OH	SH	F
acyl	amino acid	OH	SH	Cl
acyl	amino acid	OH	SH	Br
acyl	amino acid	OH	SH	I
H	acyl	OH	SH	H
H	acyl	OH	SH	NH <sub>2</sub>
H	acyl	OH	SH	NH-cyclopropyl
H	acyl	OH	SH	NH-methyl
H	acyl	OH	SH	NH-ethyl
H	acyl	OH	SH	NH-acetyl
H	acyl	OH	SH	OH
H	acyl	OH	SH	OMe
H	acyl	OH	SH	OEt
H	acyl	OH	SH	O-cyclopropyl
H	acyl	OH	SH	O-acetyl
H	acyl	OH	SH	SH
H	acyl	OH	SH	SMe
H	acyl	OH	SH	SEt
H	acyl	OH	SH	S-cyclopropyl
H	acyl	OH	SH	F
H	acyl	OH	SH	Cl
H	acyl	OH	SH	Br

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	OH	SH	I
H	amino acid	OH	SH	H
H	amino acid	OH	SH	NH <sub>2</sub>
H	amino acid	OH	SH	NH-cyclopropyl
H	amino acid	OH	SH	NH-methyl
H	amino acid	OH	SH	NH-ethyl
H	amino acid	OH	SH	NH-acetyl
H	amino acid	OH	SH	OH
H	amino acid	OH	SH	OMe
H	amino acid	OH	SH	OEt
H	amino acid	OH	SH	O-cyclopropyl
H	amino acid	OH	SH	O-acetyl
H	amino acid	OH	SH	SH
H	amino acid	OH	SH	SMe
H	amino acid	OH	SH	SEt
H	amino acid	OH	SH	S-cyclopropyl
H	amino acid	OH	SH	F
H	amino acid	OH	SH	Cl
H	amino acid	OH	SH	Br
H	amino acid	OH	SH	I
amino acid	amino acid	OH	SH	H
amino acid	amino acid	OH	SH	NH <sub>2</sub>
amino acid	amino acid	OH	SH	NH-cyclopropyl
amino acid	amino acid	OH	SH	NH-methyl
amino acid	amino acid	OH	SH	NH-ethyl
amino acid	amino acid	OH	SH	NH-acetyl
amino acid	amino acid	OH	SH	OH
amino acid	amino acid	OH	SH	OMe
amino acid	amino acid	OH	SH	OEt
amino acid	amino acid	OH	SH	O-cyclopropyl
amino acid	amino acid	OH	SH	O-acetyl
amino acid	amino acid	OH	SH	SH
amino acid	amino acid	OH	SH	SMe
amino acid	amino acid	OH	SH	SEt
amino acid	amino acid	OH	SH	S-cyclopropyl
amino acid	amino acid	OH	SH	F
amino acid	amino acid	OH	SH	Cl
amino acid	amino acid	OH	SH	Br
amino acid	amino acid	OH	SH	I
amino acid	H	OH	SH	H
amino acid	H	OH	SH	NH <sub>2</sub>
amino acid	H	OH	SH	NH-cyclopropyl
amino acid	H	OH	SH	NH-methyl
amino acid	H	OH	SH	NH-ethyl
amino acid	H	OH	SH	NH-acetyl
amino acid	H	OH	SH	OH
amino acid	H	OH	SH	OMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	OH	SH	OEt
amino acid	H	OH	SH	O-cyclopropyl
amino acid	H	OH	SH	O-acetyl
amino acid	H	OH	SH	SH
amino acid	H	OH	SH	SMe
amino acid	H	OH	SH	SEt
amino acid	H	OH	SH	S-cyclopropyl
amino acid	H	OH	SH	F
amino acid	H	OH	SH	Cl
amino acid	H	OH	SH	Br
amino acid	H	OH	SH	I
amino acid	acyl	OH	SH	H
amino acid	acyl	OH	SH	NH <sub>2</sub>
amino acid	acyl	OH	SH	NH-cyclopropyl
amino acid	acyl	OH	SH	NH-methyl
amino acid	acyl	OH	SH	NH-ethyl
amino acid	acyl	OH	SH	NH-acetyl
amino acid	acyl	OH	SH	OH
amino acid	acyl	OH	SH	OMe
amino acid	acyl	OH	SH	OEt
amino acid	acyl	OH	SH	O-cyclopropyl
amino acid	acyl	OH	SH	O-acetyl
amino acid	acyl	OH	SH	SH
amino acid	acyl	OH	SH	SMe
amino acid	acyl	OH	SH	SEt
amino acid	acyl	OH	SH	S-cyclopropyl
amino acid	acyl	OH	SH	F
amino acid	acyl	OH	SH	Cl
amino acid	acyl	OH	SH	Br
amino acid	acyl	OH	SH	I
acyl	H	SH	OH	H
acyl	H	SH	OH	NH <sub>2</sub>
acyl	H	SH	OH	NH-cyclopropyl
acyl	H	SH	OH	NH-methyl
acyl	H	SH	OH	NH-ethyl
acyl	H	SH	OH	NH-acetyl
acyl	H	SH	OH	OH
acyl	H	SH	OH	OMe
acyl	H	SH	OH	OEt
acyl	H	SH	OH	O-cyclopropyl
acyl	H	SH	OH	O-acetyl
acyl	H	SH	OH	SH
acyl	H	SH	OH	SMe
acyl	H	SH	OH	SEt
acyl	H	SH	OH	S-cyclopropyl
acyl	H	SH	OH	F
acyl	H	SH	OH	Cl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	SH	OH	Br
acyl	H	SH	OH	I
acyl	acyl	SH	OH	H
acyl	acyl	SH	OH	NH <sub>2</sub>
acyl	acyl	SH	OH	NH-cyclopropyl
acyl	acyl	SH	OH	NH-methyl
acyl	acyl	SH	OH	NH-ethyl
acyl	acyl	SH	OH	NH-acetyl
acyl	acyl	SH	OH	OH
acyl	acyl	SH	OH	OMe
acyl	acyl	SH	OH	OEt
acyl	acyl	SH	OH	O-cyclopropyl
acyl	acyl	SH	OH	O-acetyl
acyl	acyl	SH	OH	SH
acyl	acyl	SH	OH	SMe
acyl	acyl	SH	OH	SEt
acyl	acyl	SH	OH	S-cyclopropyl
acyl	acyl	SH	OH	F
acyl	acyl	SH	OH	Cl
acyl	acyl	SH	OH	Br
acyl	acyl	SH	OH	I
acyl	amino acid	SH	OH	H
acyl	amino acid	SH	OH	NH <sub>2</sub>
acyl	amino acid	SH	OH	NH-cyclopropyl
acyl	amino acid	SH	OH	NH-methyl
acyl	amino acid	SH	OH	NH-ethyl
acyl	amino acid	SH	OH	NH-acetyl
acyl	amino acid	SH	OH	OH
acyl	amino acid	SH	OH	OMe
acyl	amino acid	SH	OH	OEt
acyl	amino acid	SH	OH	O-cyclopropyl
acyl	amino acid	SH	OH	O-acetyl
acyl	amino acid	SH	OH	SH
acyl	amino acid	SH	OH	SMe
acyl	amino acid	SH	OH	SEt
acyl	amino acid	SH	OH	S-cyclopropyl
acyl	amino acid	SH	OH	F
acyl	amino acid	SH	OH	Cl
acyl	amino acid	SH	OH	Br
acyl	amino acid	SH	OH	I
H	acyl	SH	OH	H
H	acyl	SH	OH	NH <sub>2</sub>
H	acyl	SH	OH	NH-cyclopropyl
H	acyl	SH	OH	NH-methyl
H	acyl	SH	OH	NH-ethyl
H	acyl	SH	OH	NH-acetyl
H	acyl	SH	OH	OH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	SH	OH	OMe
H	acyl	SH	OH	OEt
H	acyl	SH	OH	O-cyclopropyl
H	acyl	SH	OH	O-acetyl
H	acyl	SH	OH	SH
H	acyl	SH	OH	SMe
H	acyl	SH	OH	SEt
H	acyl	SH	OH	S-cyclopropyl
H	acyl	SH	OH	F
H	acyl	SH	OH	Cl
H	acyl	SH	OH	Br
H	acyl	SH	OH	I
H	amino acid	SH	OH	H
H	amino acid	SH	OH	NH <sub>2</sub>
H	amino acid	SH	OH	NH-cyclopropyl
H	amino acid	SH	OH	NH-methyl
H	amino acid	SH	OH	NH-ethyl
H	amino acid	SH	OH	NH-acetyl
H	amino acid	SH	OH	OH
H	amino acid	SH	OH	OMe
H	amino acid	SH	OH	OEt
H	amino acid	SH	OH	O-cyclopropyl
H	amino acid	SH	OH	O-acetyl
H	amino acid	SH	OH	SH
H	amino acid	SH	OH	SMe
H	amino acid	SH	OH	SEt
H	amino acid	SH	OH	S-cyclopropyl
H	amino acid	SH	OH	F
H	amino acid	SH	OH	Cl
H	amino acid	SH	OH	Br
H	amino acid	SH	OH	I
amino acid	amino acid	SH	OH	H
amino acid	amino acid	SH	OH	NH <sub>2</sub>
amino acid	amino acid	SH	OH	NH-cyclopropyl
amino acid	amino acid	SH	OH	NH-methyl
amino acid	amino acid	SH	OH	NH-ethyl
amino acid	amino acid	SH	OH	NH-acetyl
amino acid	amino acid	SH	OH	OH
amino acid	amino acid	SH	OH	OMe
amino acid	amino acid	SH	OH	OEt
amino acid	amino acid	SH	OH	O-cyclopropyl
amino acid	amino acid	SH	OH	O-acetyl
amino acid	amino acid	SH	OH	SH
amino acid	amino acid	SH	OH	SMe
amino acid	amino acid	SH	OH	SEt
amino acid	amino acid	SH	OH	S-cyclopropyl
amino acid	amino acid	SH	OH	F



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	SH	OH	Cl
amino acid	amino acid	SH	OH	Br
amino acid	amino acid	SH	OH	I
amino acid	H	SH	OH	H
amino acid	H	SH	OH	NH <sub>2</sub>
amino acid	H	SH	OH	NH-cyclopropyl
amino acid	H	SH	OH	NH-methyl
amino acid	H	SH	OH	NH-ethyl
amino acid	H	SH	OH	NH-acetyl
amino acid	H	SH	OH	OH
amino acid	H	SH	OH	OMe
amino acid	H	SH	OH	OEt
amino acid	H	SH	OH	O-cyclopropyl
amino acid	H	SH	OH	O-acetyl
amino acid	H	SH	OH	SH
amino acid	H	SH	OH	SMe
amino acid	H	SH	OH	SEt
amino acid	H	SH	OH	S-cyclopropyl
amino acid	H	SH	OH	F
amino acid	H	SH	OH	Cl
amino acid	H	SH	OH	Br
amino acid	H	SH	OH	I
amino acid	acyl	SH	OH	H
amino acid	acyl	SH	OH	NH <sub>2</sub>
amino acid	acyl	SH	OH	NH-cyclopropyl
amino acid	acyl	SH	OH	NH-methyl
amino acid	acyl	SH	OH	NH-ethyl
amino acid	acyl	SH	OH	NH-acetyl
amino acid	acyl	SH	OH	OH
amino acid	acyl	SH	OH	OMe
amino acid	acyl	SH	OH	OEt
amino acid	acyl	SH	OH	O-cyclopropyl
amino acid	acyl	SH	OH	O-acetyl
amino acid	acyl	SH	OH	SH
amino acid	acyl	SH	OH	SMe
amino acid	acyl	SH	OH	SEt
amino acid	acyl	SH	OH	S-cyclopropyl
amino acid	acyl	SH	OH	F
amino acid	acyl	SH	OH	Cl
amino acid	acyl	SH	OH	Br
amino acid	acyl	SH	OH	I
acyl	H	Br	H	H
acyl	H	Br	H	NH <sub>2</sub>
acyl	H	Br	H	NH-cyclopropyl
acyl	H	Br	H	NH-methyl
acyl	H	Br	H	NH-ethyl
acyl	H	Br	H	NH-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	Br	H	OH
acyl	H	Br	H	OMe
acyl	H	Br	H	OEt
acyl	H	Br	H	O-cyclopropyl
acyl	H	Br	H	O-acetyl
acyl	H	Br	H	SH
acyl	H	Br	H	SMe
acyl	H	Br	H	SEt
acyl	H	Br	H	S-cyclopropyl
acyl	H	Br	H	F
acyl	H	Br	H	Cl
acyl	H	Br	H	Br
acyl	H	Br	H	I
acyl	acyl	Br	H	H
acyl	acyl	Br	H	NH <sub>2</sub>
acyl	acyl	Br	H	NH-cyclopropyl
acyl	acyl	Br	H	NH-methyl
acyl	acyl	Br	H	NH-ethyl
acyl	acyl	Br	H	NH-acetyl
acyl	acyl	Br	H	OH
acyl	acyl	Br	H	OMe
acyl	acyl	Br	H	OEt
acyl	acyl	Br	H	O-cyclopropyl
acyl	acyl	Br	H	O-acetyl
acyl	acyl	Br	H	SH
acyl	acyl	Br	H	SMe
acyl	acyl	Br	H	SEt
acyl	acyl	Br	H	S-cyclopropyl
acyl	acyl	Br	H	F
acyl	acyl	Br	H	Cl
acyl	acyl	Br	H	Br
acyl	acyl	Br	H	I
acyl	amino acid	Br	H	H
acyl	amino acid	Br	H	NH <sub>2</sub>
acyl	amino acid	Br	H	NH-cyclopropyl
acyl	amino acid	Br	H	NH-methyl
acyl	amino acid	Br	H	NH-ethyl
acyl	amino acid	Br	H	NH-acetyl
acyl	amino acid	Br	H	OH
acyl	amino acid	Br	H	OMe
acyl	amino acid	Br	H	OEt
acyl	amino acid	Br	H	O-cyclopropyl
acyl	amino acid	Br	H	O-acetyl
acyl	amino acid	Br	H	SH
acyl	amino acid	Br	H	SMe
acyl	amino acid	Br	H	SEt
acyl	amino acid	Br	H	S-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	Br	H	F
acyl	amino acid	Br	H	Cl
acyl	amino acid	Br	H	Br
acyl	amino acid	Br	H	I
H	acyl	Br	H	H
H	acyl	Br	H	NH <sub>2</sub>
H	acyl	Br	H	NH-cyclopropyl
H	acyl	Br	H	NH-methyl
H	acyl	Br	H	NH-ethyl
H	acyl	Br	H	NH-acetyl
H	acyl	Br	H	OH
H	acyl	Br	H	OMe
H	acyl	Br	H	OEt
H	acyl	Br	H	O-cyclopropyl
H	acyl	Br	H	O-acetyl
H	acyl	Br	H	SH
H	acyl	Br	H	SMe
H	acyl	Br	H	SEt
H	acyl	Br	H	S-cyclopropyl
H	acyl	Br	H	F
H	acyl	Br	H	Cl
H	acyl	Br	H	Br
H	acyl	Br	H	I
H	amino acid	Br	H	H
H	amino acid	Br	H	NH <sub>2</sub>
H	amino acid	Br	H	NH-cyclopropyl
H	amino acid	Br	H	NH-methyl
H	amino acid	Br	H	NH-ethyl
H	amino acid	Br	H	NH-acetyl
H	amino acid	Br	H	OH
H	amino acid	Br	H	OMe
H	amino acid	Br	H	OEt
H	amino acid	Br	H	O-cyclopropyl
H	amino acid	Br	H	O-acetyl
H	amino acid	Br	H	SH
H	amino acid	Br	H	SMe
H	amino acid	Br	H	SEt
H	amino acid	Br	H	S-cyclopropyl
H	amino acid	Br	H	F
H	amino acid	Br	H	Cl
H	amino acid	Br	H	Br
H	amino acid	Br	H	I
amino acid	amino acid	Br	H	H
amino acid	amino acid	Br	H	NH <sub>2</sub>
amino acid	amino acid	Br	H	NH-cyclopropyl
amino acid	amino acid	Br	H	NH-methyl
amino acid	amino acid	Br	H	NH-ethyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	Br	H	NH-acetyl
amino acid	amino acid	Br	H	OH
amino acid	amino acid	Br	H	OMe
amino acid	amino acid	Br	H	OEt
amino acid	amino acid	Br	H	O-cyclopropyl
amino acid	amino acid	Br	H	O-acetyl
amino acid	amino acid	Br	H	SH
amino acid	amino acid	Br	H	SMe
amino acid	amino acid	Br	H	SEt
amino acid	amino acid	Br	H	S-cyclopropyl
amino acid	amino acid	Br	H	F
amino acid	amino acid	Br	H	Cl
amino acid	amino acid	Br	H	Br
amino acid	amino acid	Br	H	I
amino acid	H	Br	H	H
amino acid	H	Br	H	NH <sub>2</sub>
amino acid	H	Br	H	NH-cyclopropyl
amino acid	H	Br	H	NH-methyl
amino acid	H	Br	H	NH-ethyl
amino acid	H	Br	H	NH-acetyl
amino acid	H	Br	H	OH
amino acid	H	Br	H	OMe
amino acid	H	Br	H	OEt
amino acid	H	Br	H	O-cyclopropyl
amino acid	H	Br	H	O-acetyl
amino acid	H	Br	H	SH
amino acid	H	Br	H	SMe
amino acid	H	Br	H	SEt
amino acid	H	Br	H	S-cyclopropyl
amino acid	H	Br	H	F
amino acid	H	Br	H	Cl
amino acid	H	Br	H	Br
amino acid	H	Br	H	I
amino acid	acyl	Br	H	H
amino acid	acyl	Br	H	NH <sub>2</sub>
amino acid	acyl	Br	H	NH-cyclopropyl
amino acid	acyl	Br	H	NH-methyl
amino acid	acyl	Br	H	NH-ethyl
amino acid	acyl	Br	H	NH-acetyl
amino acid	acyl	Br	H	OH
amino acid	acyl	Br	H	OMe
amino acid	acyl	Br	H	OEt
amino acid	acyl	Br	H	O-cyclopropyl
amino acid	acyl	Br	H	O-acetyl
amino acid	acyl	Br	H	SH
amino acid	acyl	Br	H	SMe
amino acid	acyl	Br	H	SEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	Br	H	S-cyclopropyl
amino acid	acyl	Br	H	F
amino acid	acyl	Br	H	Cl
amino acid	acyl	Br	H	Br
amino acid	acyl	Br	H	I
acyl	H	Br	Br	H
acyl	H	Br	Br	NH <sub>2</sub>
acyl	H	Br	Br	NH-cyclopropyl
acyl	H	Br	Br	NH-methyl
acyl	H	Br	Br	NH-ethyl
acyl	H	Br	Br	NH-acetyl
acyl	H	Br	Br	OH
acyl	H	Br	Br	OMe
acyl	H	Br	Br	OEt
acyl	H	Br	Br	O-cyclopropyl
acyl	H	Br	Br	O-acetyl
acyl	H	Br	Br	SH
acyl	H	Br	Br	SMe
acyl	H	Br	Br	SEt
acyl	H	Br	Br	S-cyclopropyl
acyl	H	Br	Br	F
acyl	H	Br	Br	Cl
acyl	H	Br	Br	Br
acyl	H	Br	Br	I
acyl	acyl	Br	Br	H
acyl	acyl	Br	Br	NH <sub>2</sub>
acyl	acyl	Br	Br	NH-cyclopropyl
acyl	acyl	Br	Br	NH-methyl
acyl	acyl	Br	Br	NH-ethyl
acyl	acyl	Br	Br	NH-acetyl
acyl	acyl	Br	Br	OH
acyl	acyl	Br	Br	OMe
acyl	acyl	Br	Br	OEt
acyl	acyl	Br	Br	O-cyclopropyl
acyl	acyl	Br	Br	O-acetyl
acyl	acyl	Br	Br	SH
acyl	acyl	Br	Br	SMe
acyl	acyl	Br	Br	SEt
acyl	acyl	Br	Br	S-cyclopropyl
acyl	acyl	Br	Br	F
acyl	acyl	Br	Br	Cl
acyl	acyl	Br	Br	Br
acyl	acyl	Br	Br	I
acyl	amino acid	Br	Br	H
acyl	amino acid	Br	Br	NH <sub>2</sub>
acyl	amino acid	Br	Br	NH-cyclopropyl
acyl	amino acid	Br	Br	NH-methyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	Br	Br	NH-ethyl
acyl	amino acid	Br	Br	NH-acetyl
acyl	amino acid	Br	Br	OH
acyl	amino acid	Br	Br	OMe
acyl	amino acid	Br	Br	OEt
acyl	amino acid	Br	Br	O-cyclopropyl
acyl	amino acid	Br	Br	O-acetyl
acyl	amino acid	Br	Br	SH
acyl	amino acid	Br	Br	SMe
acyl	amino acid	Br	Br	SEt
acyl	amino acid	Br	Br	S-cyclopropyl
acyl	amino acid	Br	Br	F
acyl	amino acid	Br	Br	Cl
acyl	amino acid	Br	Br	Br
acyl	amino acid	Br	Br	I
H	acyl	Br	Br	H
H	acyl	Br	Br	NH <sub>2</sub>
H	acyl	Br	Br	NH-cyclopropyl
H	acyl	Br	Br	NH-methyl
H	acyl	Br	Br	NH-ethyl
H	acyl	Br	Br	NH-acetyl
H	acyl	Br	Br	OH
H	acyl	Br	Br	OMe
H	acyl	Br	Br	OEt
H	acyl	Br	Br	O-cyclopropyl
H	acyl	Br	Br	O-acetyl
H	acyl	Br	Br	SH
H	acyl	Br	Br	SMe
H	acyl	Br	Br	SEt
H	acyl	Br	Br	S-cyclopropyl
H	acyl	Br	Br	F
H	acyl	Br	Br	Cl
H	acyl	Br	Br	Br
H	acyl	Br	Br	I
H	amino acid	Br	Br	H
H	amino acid	Br	Br	NH <sub>2</sub>
H	amino acid	Br	Br	NH-cyclopropyl
H	amino acid	Br	Br	NH-methyl
H	amino acid	Br	Br	NH-ethyl
H	amino acid	Br	Br	NH-acetyl
H	amino acid	Br	Br	OH
H	amino acid	Br	Br	OMe
H	amino acid	Br	Br	OEt
H	amino acid	Br	Br	O-cyclopropyl
H	amino acid	Br	Br	O-acetyl
H	amino acid	Br	Br	SH
H	amino acid	Br	Br	SMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	Br	Br	SEt
H	amino acid	Br	Br	S-cyclopropyl
H	amino acid	Br	Br	F
H	amino acid	Br	Br	Cl
H	amino acid	Br	Br	Br
H	amino acid	Br	Br	I
amino acid	amino acid	Br	Br	H
amino acid	amino acid	Br	Br	NH <sub>2</sub>
amino acid	amino acid	Br	Br	NH-cyclopropyl
amino acid	amino acid	Br	Br	NH-methyl
amino acid	amino acid	Br	Br	NH-ethyl
amino acid	amino acid	Br	Br	NH-acetyl
amino acid	amino acid	Br	Br	OH
amino acid	amino acid	Br	Br	OMe
amino acid	amino acid	Br	Br	OEt
amino acid	amino acid	Br	Br	O-cyclopropyl
amino acid	amino acid	Br	Br	O-acetyl
amino acid	amino acid	Br	Br	SH
amino acid	amino acid	Br	Br	SMe
amino acid	amino acid	Br	Br	SEt
amino acid	amino acid	Br	Br	S-cyclopropyl
amino acid	amino acid	Br	Br	F
amino acid	amino acid	Br	Br	Cl
amino acid	amino acid	Br	Br	Br
amino acid	amino acid	Br	Br	I
amino acid	H	Br	Br	H
amino acid	H	Br	Br	NH <sub>2</sub>
amino acid	H	Br	Br	NH-cyclopropyl
amino acid	H	Br	Br	NH-methyl
amino acid	H	Br	Br	NH-ethyl
amino acid	H	Br	Br	NH-acetyl
amino acid	H	Br	Br	OH
amino acid	H	Br	Br	OMe
amino acid	H	Br	Br	OEt
amino acid	H	Br	Br	O-cyclopropyl
amino acid	H	Br	Br	O-acetyl
amino acid	H	Br	Br	SH
amino acid	H	Br	Br	SMe
amino acid	H	Br	Br	SEt
amino acid	H	Br	Br	S-cyclopropyl
amino acid	H	Br	Br	F
amino acid	H	Br	Br	Cl
amino acid	H	Br	Br	Br
amino acid	H	Br	Br	I
amino acid	acyl	Br	Br	H
amino acid	acyl	Br	Br	NH <sub>2</sub>
amino acid	acyl	Br	Br	NH-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	Br	Br	NH-methyl
amino acid	acyl	Br	Br	NH-ethyl
amino acid	acyl	Br	Br	NH-acetyl
amino acid	acyl	Br	Br	OH
amino acid	acyl	Br	Br	OMe
amino acid	acyl	Br	Br	OEt
amino acid	acyl	Br	Br	O-cyclopropyl
amino acid	acyl	Br	Br	O-acetyl
amino acid	acyl	Br	Br	SH
amino acid	acyl	Br	Br	SMe
amino acid	acyl	Br	Br	SEt
amino acid	acyl	Br	Br	S-cyclopropyl
amino acid	acyl	Br	Br	F
amino acid	acyl	Br	Br	Cl
amino acid	acyl	Br	Br	Br
amino acid	acyl	Br	Br	I
acyl	H	H	Br	H
acyl	H	H	Br	NH <sub>2</sub>
acyl	H	H	Br	NH-cyclopropyl
acyl	H	H	Br	NH-methyl
acyl	H	H	Br	NH-ethyl
acyl	H	H	Br	NH-acetyl
acyl	H	H	Br	OH
acyl	H	H	Br	OMe
acyl	H	H	Br	OEt
acyl	H	H	Br	O-cyclopropyl
acyl	H	H	Br	O-acetyl
acyl	H	H	Br	SH
acyl	H	H	Br	SMe
acyl	H	H	Br	SEt
acyl	H	H	Br	S-cyclopropyl
acyl	H	H	Br	F
acyl	H	H	Br	Cl
acyl	H	H	Br	Br
acyl	H	H	Br	I
acyl	acyl	H	Br	H
acyl	acyl	H	Br	NH <sub>2</sub>
acyl	acyl	H	Br	NH-cyclopropyl
acyl	acyl	H	Br	NH-methyl
acyl	acyl	H	Br	NH-ethyl
acyl	acyl	H	Br	NH-acetyl
acyl	acyl	H	Br	OH
acyl	acyl	H	Br	OMe
acyl	acyl	H	Br	OEt
acyl	acyl	H	Br	O-cyclopropyl
acyl	acyl	H	Br	O-acetyl
acyl	acyl	H	Br	SH



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	H	Br	SMe
acyl	acyl	H	Br	SEt
acyl	acyl	H	Br	S-cyclopropyl
acyl	acyl	H	Br	F
acyl	acyl	H	Br	Cl
acyl	acyl	H	Br	Br
acyl	acyl	H	Br	I
acyl	amino acid	H	Br	H
acyl	amino acid	H	Br	NH <sub>2</sub>
acyl	amino acid	H	Br	NH-cyclopropyl
acyl	amino acid	H	Br	NH-methyl
acyl	amino acid	H	Br	NH-ethyl
acyl	amino acid	H	Br	NH-acetyl
acyl	amino acid	H	Br	OH
acyl	amino acid	H	Br	OMe
acyl	amino acid	H	Br	OEt
acyl	amino acid	H	Br	O-cyclopropyl
acyl	amino acid	H	Br	O-acetyl
acyl	amino acid	H	Br	SH
acyl	amino acid	H	Br	SMe
acyl	amino acid	H	Br	SEt
acyl	amino acid	H	Br	S-cyclopropyl
acyl	amino acid	H	Br	F
acyl	amino acid	H	Br	Cl
acyl	amino acid	H	Br	Br
acyl	amino acid	H	Br	I
H	acyl	H	Br	H
H	acyl	H	Br	NH <sub>2</sub>
H	acyl	H	Br	NH-cyclopropyl
H	acyl	H	Br	NH-methyl
H	acyl	H	Br	NH-ethyl
H	acyl	H	Br	NH-acetyl
H	acyl	H	Br	OH
H	acyl	H	Br	OMe
H	acyl	H	Br	OEt
H	acyl	H	Br	O-cyclopropyl
H	acyl	H	Br	O-acetyl
H	acyl	H	Br	SH
H	acyl	H	Br	SMe
H	acyl	H	Br	SEt
H	acyl	H	Br	S-cyclopropyl
H	acyl	H	Br	F
H	acyl	H	Br	Cl
H	acyl	H	Br	Br
H	acyl	H	Br	I
H	amino acid	H	Br	H
H	amino acid	H	Br	NH <sub>2</sub>

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	H	Br	NH-cyclopropyl
H	amino acid	H	Br	NH-methyl
H	amino acid	H	Br	NH-ethyl
H	amino acid	H	Br	NH-acetyl
H	amino acid	H	Br	OH
H	amino acid	H	Br	OMe
H	amino acid	H	Br	OEt
H	amino acid	H	Br	O-cyclopropyl
H	amino acid	H	Br	O-acetyl
H	amino acid	H	Br	SH
H	amino acid	H	Br	SMe
H	amino acid	H	Br	SEt
H	amino acid	H	Br	S-cyclopropyl
H	amino acid	H	Br	F
H	amino acid	H	Br	Cl
H	amino acid	H	Br	Br
H	amino acid	H	Br	I
amino acid	amino acid	H	Br	H
amino acid	amino acid	H	Br	NH <sub>2</sub>
amino acid	amino acid	H	Br	NH-cyclopropyl
amino acid	amino acid	H	Br	NH-methyl
amino acid	amino acid	H	Br	NH-ethyl
amino acid	amino acid	H	Br	NH-acetyl
amino acid	amino acid	H	Br	OH
amino acid	amino acid	H	Br	OMe
amino acid	amino acid	H	Br	OEt
amino acid	amino acid	H	Br	O-cyclopropyl
amino acid	amino acid	H	Br	O-acetyl
amino acid	amino acid	H	Br	SH
amino acid	amino acid	H	Br	SMe
amino acid	amino acid	H	Br	SEt
amino acid	amino acid	H	Br	S-cyclopropyl
amino acid	amino acid	H	Br	F
amino acid	amino acid	H	Br	Cl
amino acid	amino acid	H	Br	Br
amino acid	amino acid	H	Br	I
amino acid	H	H	Br	H
amino acid	H	H	Br	NH <sub>2</sub>
amino acid	H	H	Br	NH-cyclopropyl
amino acid	H	H	Br	NH-methyl
amino acid	H	H	Br	NH-ethyl
amino acid	H	H	Br	NH-acetyl
amino acid	H	H	Br	OH
amino acid	H	H	Br	OMe
amino acid	H	H	Br	OEt
amino acid	H	H	Br	O-cyclopropyl
amino acid	H	H	Br	O-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	H	Br	SH
amino acid	H	H	Br	SMe
amino acid	H	H	Br	SEt
amino acid	H	H	Br	S-cyclopropyl
amino acid	H	H	Br	F
amino acid	H	H	Br	Cl
amino acid	H	H	Br	Br
amino acid	H	H	Br	I
amino acid	acyl	H	Br	H
amino acid	acyl	H	Br	NH <sub>2</sub>
amino acid	acyl	H	Br	NH-cyclopropyl
amino acid	acyl	H	Br	NH-methyl
amino acid	acyl	H	Br	NH-ethyl
amino acid	acyl	H	Br	NH-acetyl
amino acid	acyl	H	Br	OH
amino acid	acyl	H	Br	OMe
amino acid	acyl	H	Br	OEt
amino acid	acyl	H	Br	O-cyclopropyl
amino acid	acyl	H	Br	O-acetyl
amino acid	acyl	H	Br	SH
amino acid	acyl	H	Br	SMe
amino acid	acyl	H	Br	SEt
amino acid	acyl	H	Br	S-cyclopropyl
amino acid	acyl	H	Br	F
amino acid	acyl	H	Br	Cl
amino acid	acyl	H	Br	Br
amino acid	acyl	H	Br	I
acyl	H	Cl	Br	H
acyl	H	Cl	Br	NH <sub>2</sub>
acyl	H	Cl	Br	NH-cyclopropyl
acyl	H	Cl	Br	NH-methyl
acyl	H	Cl	Br	NH-ethyl
acyl	H	Cl	Br	NH-acetyl
acyl	H	Cl	Br	OH
acyl	H	Cl	Br	OMe
acyl	H	Cl	Br	OEt
acyl	H	Cl	Br	O-cyclopropyl
acyl	H	Cl	Br	O-acetyl
acyl	H	Cl	Br	SH
acyl	H	Cl	Br	SMe
acyl	H	Cl	Br	SEt
acyl	H	Cl	Br	S-cyclopropyl
acyl	H	Cl	Br	F
acyl	H	Cl	Br	Cl
acyl	H	Cl	Br	Br
acyl	H	Cl	Br	I
acyl	acyl	Cl	Br	H

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	Cl	Br	NH <sub>2</sub>
acyl	acyl	Cl	Br	NH-cyclopropyl
acyl	acyl	Cl	Br	NH-methyl
acyl	acyl	Cl	Br	NH-ethyl
acyl	acyl	Cl	Br	NH-acetyl
acyl	acyl	Cl	Br	OH
acyl	acyl	Cl	Br	OMe
acyl	acyl	Cl	Br	OEt
acyl	acyl	Cl	Br	O-cyclopropyl
acyl	acyl	Cl	Br	O-acetyl
acyl	acyl	Cl	Br	SH
acyl	acyl	Cl	Br	SMe
acyl	acyl	Cl	Br	SEt
acyl	acyl	Cl	Br	S-cyclopropyl
acyl	acyl	Cl	Br	F
acyl	acyl	Cl	Br	Cl
acyl	acyl	Cl	Br	Br
acyl	acyl	Cl	Br	I
acyl	amino acid	Cl	Br	H
acyl	amino acid	Cl	Br	NH <sub>2</sub>
acyl	amino acid	Cl	Br	NH-cyclopropyl
acyl	amino acid	Cl	Br	NH-methyl
acyl	amino acid	Cl	Br	NH-ethyl
acyl	amino acid	Cl	Br	NH-acetyl
acyl	amino acid	Cl	Br	OH
acyl	amino acid	Cl	Br	OMe
acyl	amino acid	Cl	Br	OEt
acyl	amino acid	Cl	Br	O-cyclopropyl
acyl	amino acid	Cl	Br	O-acetyl
acyl	amino acid	Cl	Br	SH
acyl	amino acid	Cl	Br	SMe
acyl	amino acid	Cl	Br	SEt
acyl	amino acid	Cl	Br	S-cyclopropyl
acyl	amino acid	Cl	Br	F
acyl	amino acid	Cl	Br	Cl
acyl	amino acid	Cl	Br	Br
acyl	amino acid	Cl	Br	I
H	acyl	Cl	Br	H
H	acyl	Cl	Br	NH <sub>2</sub>
H	acyl	Cl	Br	NH-cyclopropyl
H	acyl	Cl	Br	NH-methyl
H	acyl	Cl	Br	NH-ethyl
H	acyl	Cl	Br	NH-acetyl
H	acyl	Cl	Br	OH
H	acyl	Cl	Br	OMe
H	acyl	Cl	Br	OEt
H	acyl	Cl	Br	O-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	Cl	Br	O-acetyl
H	acyl	Cl	Br	SH
H	acyl	Cl	Br	SMe
H	acyl	Cl	Br	SEt
H	acyl	Cl	Br	S-cyclopropyl
H	acyl	Cl	Br	F
H	acyl	Cl	Br	Cl
H	acyl	Cl	Br	Br
H	acyl	Cl	Br	I
H	amino acid	Cl	Br	H
H	amino acid	Cl	Br	NH <sub>2</sub>
H	amino acid	Cl	Br	NH-cyclopropyl
H	amino acid	Cl	Br	NH-methyl
H	amino acid	Cl	Br	NH-ethyl
H	amino acid	Cl	Br	NH-acetyl
H	amino acid	Cl	Br	OH
H	amino acid	Cl	Br	OMe
H	amino acid	Cl	Br	OEt
H	amino acid	Cl	Br	O-cyclopropyl
H	amino acid	Cl	Br	O-acetyl
H	amino acid	Cl	Br	SH
H	amino acid	Cl	Br	SMe
H	amino acid	Cl	Br	SEt
H	amino acid	Cl	Br	S-cyclopropyl
H	amino acid	Cl	Br	F
H	amino acid	Cl	Br	Cl
H	amino acid	Cl	Br	Br
H	amino acid	Cl	Br	I
amino acid	amino acid	Cl	Br	H
amino acid	amino acid	Cl	Br	NH <sub>2</sub>
amino acid	amino acid	Cl	Br	NH-cyclopropyl
amino acid	amino acid	Cl	Br	NH-methyl
amino acid	amino acid	Cl	Br	NH-ethyl
amino acid	amino acid	Cl	Br	NH-acetyl
amino acid	amino acid	Cl	Br	OH
amino acid	amino acid	Cl	Br	OMe
amino acid	amino acid	Cl	Br	OEt
amino acid	amino acid	Cl	Br	O-cyclopropyl
amino acid	amino acid	Cl	Br	O-acetyl
amino acid	amino acid	Cl	Br	SH
amino acid	amino acid	Cl	Br	SMe
amino acid	amino acid	Cl	Br	SEt
amino acid	amino acid	Cl	Br	S-cyclopropyl
amino acid	amino acid	Cl	Br	F
amino acid	amino acid	Cl	Br	Cl
amino acid	amino acid	Cl	Br	Br
amino acid	amino acid	Cl	Br	I

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	Cl	Br	H
amino acid	H	Cl	Br	NH <sub>2</sub>
amino acid	H	Cl	Br	NH-cyclopropyl
amino acid	H	Cl	Br	NH-methyl
amino acid	H	Cl	Br	NH-ethyl
amino acid	H	Cl	Br	NH-acetyl
amino acid	H	Cl	Br	OH
amino acid	H	Cl	Br	OMe
amino acid	H	Cl	Br	OEt
amino acid	H	Cl	Br	O-cyclopropyl
amino acid	H	Cl	Br	O-acetyl
amino acid	H	Cl	Br	SH
amino acid	H	Cl	Br	SMe
amino acid	H	Cl	Br	SEt
amino acid	H	Cl	Br	S-cyclopropyl
amino acid	H	Cl	Br	F
amino acid	H	Cl	Br	Cl
amino acid	H	Cl	Br	Br
amino acid	H	Cl	Br	I
amino acid	acyl	Cl	Br	H
amino acid	acyl	Cl	Br	NH <sub>2</sub>
amino acid	acyl	Cl	Br	NH-cyclopropyl
amino acid	acyl	Cl	Br	NH-methyl
amino acid	acyl	Cl	Br	NH-ethyl
amino acid	acyl	Cl	Br	NH-acetyl
amino acid	acyl	Cl	Br	OH
amino acid	acyl	Cl	Br	OMe
amino acid	acyl	Cl	Br	OEt
amino acid	acyl	Cl	Br	O-cyclopropyl
amino acid	acyl	Cl	Br	O-acetyl
amino acid	acyl	Cl	Br	SH
amino acid	acyl	Cl	Br	SMe
amino acid	acyl	Cl	Br	SEt
amino acid	acyl	Cl	Br	S-cyclopropyl
amino acid	acyl	Cl	Br	F
amino acid	acyl	Cl	Br	Cl
amino acid	acyl	Cl	Br	Br
amino acid	acyl	Cl	Br	I
acyl	H	Br	Cl	H
acyl	H	Br	Cl	NH <sub>2</sub>
acyl	H	Br	Cl	NH-cyclopropyl
acyl	H	Br	Cl	NH-methyl
acyl	H	Br	Cl	NH-ethyl
acyl	H	Br	Cl	NH-acetyl
acyl	H	Br	Cl	OH
acyl	H	Br	Cl	OMe
acyl	H	Br	Cl	OEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	Br	Cl	O-cyclopropyl
acyl	H	Br	Cl	O-acetyl
acyl	H	Br	Cl	SH
acyl	H	Br	Cl	SMe
acyl	H	Br	Cl	SEt
acyl	H	Br	Cl	S-cyclopropyl
acyl	H	Br	Cl	F
acyl	H	Br	Cl	Cl
acyl	H	Br	Cl	Br
acyl	H	Br	Cl	I
acyl	acyl	Br	Cl	H
acyl	acyl	Br	Cl	NH <sub>2</sub>
acyl	acyl	Br	Cl	NH-cyclopropyl
acyl	acyl	Br	Cl	NH-methyl
acyl	acyl	Br	Cl	NH-ethyl
acyl	acyl	Br	Cl	NH-acetyl
acyl	acyl	Br	Cl	OH
acyl	acyl	Br	Cl	OMe
acyl	acyl	Br	Cl	OEt
acyl	acyl	Br	Cl	O-cyclopropyl
acyl	acyl	Br	Cl	O-acetyl
acyl	acyl	Br	Cl	SH
acyl	acyl	Br	Cl	SMe
acyl	acyl	Br	Cl	SEt
acyl	acyl	Br	Cl	S-cyclopropyl
acyl	acyl	Br	Cl	F
acyl	acyl	Br	Cl	Cl
acyl	acyl	Br	Cl	Br
acyl	acyl	Br	Cl	I
acyl	amino acid	Br	Cl	H
acyl	amino acid	Br	Cl	NH <sub>2</sub>
acyl	amino acid	Br	Cl	NH-cyclopropyl
acyl	amino acid	Br	Cl	NH-methyl
acyl	amino acid	Br	Cl	NH-ethyl
acyl	amino acid	Br	Cl	NH-acetyl
acyl	amino acid	Br	Cl	OH
acyl	amino acid	Br	Cl	OMe
acyl	amino acid	Br	Cl	OEt
acyl	amino acid	Br	Cl	O-cyclopropyl
acyl	amino acid	Br	Cl	O-acetyl
acyl	amino acid	Br	Cl	SH
acyl	amino acid	Br	Cl	SMe
acyl	amino acid	Br	Cl	SEt
acyl	amino acid	Br	Cl	S-cyclopropyl
acyl	amino acid	Br	Cl	F
acyl	amino acid	Br	Cl	Cl
acyl	amino acid	Br	Cl	Br

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	Br	Cl	I
H	acyl	Br	Cl	H
H	acyl	Br	Cl	NH <sub>2</sub>
H	acyl	Br	Cl	NH-cyclopropyl
H	acyl	Br	Cl	NH-methyl
H	acyl	Br	Cl	NH-ethyl
H	acyl	Br	Cl	NH-acetyl
H	acyl	Br	Cl	OH
H	acyl	Br	Cl	OMe
H	acyl	Br	Cl	OEt
H	acyl	Br	Cl	O-cyclopropyl
H	acyl	Br	Cl	O-acetyl
H	acyl	Br	Cl	SH
H	acyl	Br	Cl	SMe
H	acyl	Br	Cl	SEt
H	acyl	Br	Cl	S-cyclopropyl
H	acyl	Br	Cl	F
H	acyl	Br	Cl	Cl
H	acyl	Br	Cl	Br
H	acyl	Br	Cl	I
H	amino acid	Br	Cl	H
H	amino acid	Br	Cl	NH <sub>2</sub>
H	amino acid	Br	Cl	NH-cyclopropyl
H	amino acid	Br	Cl	NH-methyl
H	amino acid	Br	Cl	NH-ethyl
H	amino acid	Br	Cl	NH-acetyl
H	amino acid	Br	Cl	OH
H	amino acid	Br	Cl	OMe
H	amino acid	Br	Cl	OEt
H	amino acid	Br	Cl	O-cyclopropyl
H	amino acid	Br	Cl	O-acetyl
H	amino acid	Br	Cl	SH
H	amino acid	Br	Cl	SMe
H	amino acid	Br	Cl	SEt
H	amino acid	Br	Cl	S-cyclopropyl
H	amino acid	Br	Cl	F
H	amino acid	Br	Cl	Cl
H	amino acid	Br	Cl	Br
H	amino acid	Br	Cl	I
amino acid	amino acid	Br	Cl	H
amino acid	amino acid	Br	Cl	NH <sub>2</sub>
amino acid	amino acid	Br	Cl	NH-cyclopropyl
amino acid	amino acid	Br	Cl	NH-methyl
amino acid	amino acid	Br	Cl	NH-ethyl
amino acid	amino acid	Br	Cl	NH-acetyl
amino acid	amino acid	Br	Cl	OH
amino acid	amino acid	Br	Cl	OMe



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	Br	Cl	OEt
amino acid	amino acid	Br	Cl	O-cyclopropyl
amino acid	amino acid	Br	Cl	O-acetyl
amino acid	amino acid	Br	Cl	SH
amino acid	amino acid	Br	Cl	SMe
amino acid	amino acid	Br	Cl	SEt
amino acid	amino acid	Br	Cl	S-cyclopropyl
amino acid	amino acid	Br	Cl	F
amino acid	amino acid	Br	Cl	Cl
amino acid	amino acid	Br	Cl	Br
amino acid	amino acid	Br	Cl	I
amino acid	H	Br	Cl	H
amino acid	H	Br	Cl	NH <sub>2</sub>
amino acid	H	Br	Cl	NH-cyclopropyl
amino acid	H	Br	Cl	NH-methyl
amino acid	H	Br	Cl	NH-ethyl
amino acid	H	Br	Cl	NH-acetyl
amino acid	H	Br	Cl	OH
amino acid	H	Br	Cl	OMe
amino acid	H	Br	Cl	OEt
amino acid	H	Br	Cl	O-cyclopropyl
amino acid	H	Br	Cl	O-acetyl
amino acid	H	Br	Cl	SH
amino acid	H	Br	Cl	SMe
amino acid	H	Br	Cl	SEt
amino acid	H	Br	Cl	S-cyclopropyl
amino acid	H	Br	Cl	F
amino acid	H	Br	Cl	Cl
amino acid	H	Br	Cl	Br
amino acid	H	Br	Cl	I
amino acid	acyl	Br	Cl	H
amino acid	acyl	Br	Cl	NH <sub>2</sub>
amino acid	acyl	Br	Cl	NH-cyclopropyl
amino acid	acyl	Br	Cl	NH-methyl
amino acid	acyl	Br	Cl	NH-ethyl
amino acid	acyl	Br	Cl	NH-acetyl
amino acid	acyl	Br	Cl	OH
amino acid	acyl	Br	Cl	OMe
amino acid	acyl	Br	Cl	OEt
amino acid	acyl	Br	Cl	O-cyclopropyl
amino acid	acyl	Br	Cl	O-acetyl
amino acid	acyl	Br	Cl	SH
amino acid	acyl	Br	Cl	SMe
amino acid	acyl	Br	Cl	SEt
amino acid	acyl	Br	Cl	S-cyclopropyl
amino acid	acyl	Br	Cl	F
amino acid	acyl	Br	Cl	Cl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	Br	Cl	Br
amino acid	acyl	Br	Cl	I
acyl	H	H	Cl	H
acyl	H	H	Cl	NH <sub>2</sub>
acyl	H	H	Cl	NH-cyclopropyl
acyl	H	H	Cl	NH-methyl
acyl	H	H	Cl	NH-ethyl
acyl	H	H	Cl	NH-acetyl
acyl	H	H	Cl	OH
acyl	H	H	Cl	OMe
acyl	H	H	Cl	OEt
acyl	H	H	Cl	O-cyclopropyl
acyl	H	H	Cl	O-acetyl
acyl	H	H	Cl	SH
acyl	H	H	Cl	SMe
acyl	H	H	Cl	SEt
acyl	H	H	Cl	S-cyclopropyl
acyl	H	H	Cl	F
acyl	H	H	Cl	Cl
acyl	H	H	Cl	Br
acyl	H	H	Cl	I
acyl	acyl	H	Cl	H
acyl	acyl	H	Cl	NH <sub>2</sub>
acyl	acyl	H	Cl	NH-cyclopropyl
acyl	acyl	H	Cl	NH-methyl
acyl	acyl	H	Cl	NH-ethyl
acyl	acyl	H	Cl	NH-acetyl
acyl	acyl	H	Cl	OH
acyl	acyl	H	Cl	OMe
acyl	acyl	H	Cl	OEt
acyl	acyl	H	Cl	O-cyclopropyl
acyl	acyl	H	Cl	O-acetyl
acyl	acyl	H	Cl	SH
acyl	acyl	H	Cl	SMe
acyl	acyl	H	Cl	SEt
acyl	acyl	H	Cl	S-cyclopropyl
acyl	acyl	H	Cl	F
acyl	acyl	H	Cl	Cl
acyl	acyl	H	Cl	Br
acyl	acyl	H	Cl	I
acyl	amino acid	H	Cl	H
acyl	amino acid	H	Cl	NH <sub>2</sub>
acyl	amino acid	H	Cl	NH-cyclopropyl
acyl	amino acid	H	Cl	NH-methyl
acyl	amino acid	H	Cl	NH-ethyl
acyl	amino acid	H	Cl	NH-acetyl
acyl	amino acid	H	Cl	OH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	H	Cl	OMe
acyl	amino acid	H	Cl	OEt
acyl	amino acid	H	Cl	O-cyclopropyl
acyl	amino acid	H	Cl	O-acetyl
acyl	amino acid	H	Cl	SH
acyl	amino acid	H	Cl	SMe
acyl	amino acid	H	Cl	SEt
acyl	amino acid	H	Cl	S-cyclopropyl
acyl	amino acid	H	Cl	F
acyl	amino acid	H	Cl	Cl
acyl	amino acid	H	Cl	Br
acyl	amino acid	H	Cl	I
H	acyl	H	Cl	H
H	acyl	H	Cl	NH <sub>2</sub>
H	acyl	H	Cl	NH-cyclopropyl
H	acyl	H	Cl	NH-methyl
H	acyl	H	Cl	NH-ethyl
H	acyl	H	Cl	NH-acetyl
H	acyl	H	Cl	OH
H	acyl	H	Cl	OMe
H	acyl	H	Cl	OEt
H	acyl	H	Cl	O-cyclopropyl
H	acyl	H	Cl	O-acetyl
H	acyl	H	Cl	SH
H	acyl	H	Cl	SMe
H	acyl	H	Cl	SEt
H	acyl	H	Cl	S-cyclopropyl
H	acyl	H	Cl	F
H	acyl	H	Cl	Cl
H	acyl	H	Cl	Br
H	acyl	H	Cl	I
H	amino acid	H	Cl	H
H	amino acid	H	Cl	NH <sub>2</sub>
H	amino acid	H	Cl	NH-cyclopropyl
H	amino acid	H	Cl	NH-methyl
H	amino acid	H	Cl	NH-ethyl
H	amino acid	H	Cl	NH-acetyl
H	amino acid	H	Cl	OH
H	amino acid	H	Cl	OMe
H	amino acid	H	Cl	OEt
H	amino acid	H	Cl	O-cyclopropyl
H	amino acid	H	Cl	O-acetyl
H	amino acid	H	Cl	SH
H	amino acid	H	Cl	SMe
H	amino acid	H	Cl	SEt
H	amino acid	H	Cl	S-cyclopropyl
H	amino acid	H	Cl	F

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	H	Cl	Cl
H	amino acid	H	Cl	Br
H	amino acid	H	Cl	I
amino acid	amino acid	H	Cl	H
amino acid	amino acid	H	Cl	NH <sub>2</sub>
amino acid	amino acid	H	Cl	NH-cyclopropyl
amino acid	amino acid	H	Cl	NH-methyl
amino acid	amino acid	H	Cl	NH-ethyl
amino acid	amino acid	H	Cl	NH-acetyl
amino acid	amino acid	H	Cl	OH
amino acid	amino acid	H	Cl	OMe
amino acid	amino acid	H	Cl	OEt
amino acid	amino acid	H	Cl	O-cyclopropyl
amino acid	amino acid	H	Cl	O-acetyl
amino acid	amino acid	H	Cl	SH
amino acid	amino acid	H	Cl	SMe
amino acid	amino acid	H	Cl	SEt
amino acid	amino acid	H	Cl	S-cyclopropyl
amino acid	amino acid	H	Cl	F
amino acid	amino acid	H	Cl	Cl
amino acid	amino acid	H	Cl	Br
amino acid	amino acid	H	Cl	I
amino acid	H	H	Cl	H
amino acid	H	H	Cl	NH <sub>2</sub>
amino acid	H	H	Cl	NH-cyclopropyl
amino acid	H	H	Cl	NH-methyl
amino acid	H	H	Cl	NH-ethyl
amino acid	H	H	Cl	NH-acetyl
amino acid	H	H	Cl	OH
amino acid	H	H	Cl	OMe
amino acid	H	H	Cl	OEt
amino acid	H	H	Cl	O-cyclopropyl
amino acid	H	H	Cl	O-acetyl
amino acid	H	H	Cl	SH
amino acid	H	H	Cl	SMe
amino acid	H	H	Cl	SEt
amino acid	H	H	Cl	S-cyclopropyl
amino acid	H	H	Cl	F
amino acid	H	H	Cl	Cl
amino acid	H	H	Cl	Br
amino acid	H	H	Cl	I
amino acid	acyl	H	Cl	H
amino acid	acyl	H	Cl	NH <sub>2</sub>
amino acid	acyl	H	Cl	NH-cyclopropyl
amino acid	acyl	H	Cl	NH-methyl
amino acid	acyl	H	Cl	NH-ethyl
amino acid	acyl	H	Cl	NH-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	H	Cl	OH
amino acid	acyl	H	Cl	OMe
amino acid	acyl	H	Cl	OEt
amino acid	acyl	H	Cl	O-cyclopropyl
amino acid	acyl	H	Cl	O-acetyl
amino acid	acyl	H	Cl	SH
amino acid	acyl	H	Cl	SMe
amino acid	acyl	H	Cl	SEt
amino acid	acyl	H	Cl	S-cyclopropyl
amino acid	acyl	H	Cl	F
amino acid	acyl	H	Cl	Cl
amino acid	acyl	H	Cl	Br
amino acid	acyl	H	Cl	I
acyl	H	Cl	H	H
acyl	H	Cl	H	NH <sub>2</sub>
acyl	H	Cl	H	NH-cyclopropyl
acyl	H	Cl	H	NH-methyl
acyl	H	Cl	H	NH-ethyl
acyl	H	Cl	H	NH-acetyl
acyl	H	Cl	H	OH
acyl	H	Cl	H	OMe
acyl	H	Cl	H	OEt
acyl	H	Cl	H	O-cyclopropyl
acyl	H	Cl	H	O-acetyl
acyl	H	Cl	H	SH
acyl	H	Cl	H	SMe
acyl	H	Cl	H	SEt
acyl	H	Cl	H	S-cyclopropyl
acyl	H	Cl	H	F
acyl	H	Cl	H	Cl
acyl	H	Cl	H	Br
acyl	H	Cl	H	I
acyl	acyl	Cl	H	H
acyl	acyl	Cl	H	NH <sub>2</sub>
acyl	acyl	Cl	H	NH-cyclopropyl
acyl	acyl	Cl	H	NH-methyl
acyl	acyl	Cl	H	NH-ethyl
acyl	acyl	Cl	H	NH-acetyl
acyl	acyl	Cl	H	OH
acyl	acyl	Cl	H	OMe
acyl	acyl	Cl	H	OEt
acyl	acyl	Cl	H	O-cyclopropyl
acyl	acyl	Cl	H	O-acetyl
acyl	acyl	Cl	H	SH
acyl	acyl	Cl	H	SMe
acyl	acyl	Cl	H	SEt
acyl	acyl	Cl	H	S-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	Cl	H	F
acyl	acyl	Cl	H	Cl
acyl	acyl	Cl	H	Br
acyl	acyl	Cl	H	I
acyl	amino acid	Cl	H	H
acyl	amino acid	Cl	H	NH <sub>2</sub>
acyl	amino acid	Cl	H	NH-cyclopropyl
acyl	amino acid	Cl	H	NH-methyl
acyl	amino acid	Cl	H	NH-ethyl
acyl	amino acid	Cl	H	NH-acetyl
acyl	amino acid	Cl	H	OH
acyl	amino acid	Cl	H	OMe
acyl	amino acid	Cl	H	OEt
acyl	amino acid	Cl	H	O-cyclopropyl
acyl	amino acid	Cl	H	O-acetyl
acyl	amino acid	Cl	H	SH
acyl	amino acid	Cl	H	SMe
acyl	amino acid	Cl	H	SEt
acyl	amino acid	Cl	H	S-cyclopropyl
acyl	amino acid	Cl	H	F
acyl	amino acid	Cl	H	Cl
acyl	amino acid	Cl	H	Br
acyl	amino acid	Cl	H	I
H	acyl	Cl	H	H
H	acyl	Cl	H	NH <sub>2</sub>
H	acyl	Cl	H	NH-cyclopropyl
H	acyl	Cl	H	NH-methyl
H	acyl	Cl	H	NH-ethyl
H	acyl	Cl	H	NH-acetyl
H	acyl	Cl	H	OH
H	acyl	Cl	H	OMe
H	acyl	Cl	H	OEt
H	acyl	Cl	H	O-cyclopropyl
H	acyl	Cl	H	O-acetyl
H	acyl	Cl	H	SH
H	acyl	Cl	H	SMe
H	acyl	Cl	H	SEt
H	acyl	Cl	H	S-cyclopropyl
H	acyl	Cl	H	F
H	acyl	Cl	H	Cl
H	acyl	Cl	H	Br
H	acyl	Cl	H	I
H	amino acid	Cl	H	H
H	amino acid	Cl	H	NH <sub>2</sub>
H	amino acid	Cl	H	NH-cyclopropyl
H	amino acid	Cl	H	NH-methyl
H	amino acid	Cl	H	NH-ethyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	Cl	H	NH-acetyl
H	amino acid	Cl	H	OH
H	amino acid	Cl	H	OMe
H	amino acid	Cl	H	OEt
H	amino acid	Cl	H	O-cyclopropyl
H	amino acid	Cl	H	O-acetyl
H	amino acid	Cl	H	SH
H	amino acid	Cl	H	SMe
H	amino acid	Cl	H	SEt
H	amino acid	Cl	H	S-cyclopropyl
H	amino acid	Cl	H	F
H	amino acid	Cl	H	Cl
H	amino acid	Cl	H	Br
H	amino acid	Cl	H	I
amino acid	amino acid	Cl	H	H
amino acid	amino acid	Cl	H	NH <sub>2</sub>
amino acid	amino acid	Cl	H	NH-cyclopropyl
amino acid	amino acid	Cl	H	NH-methyl
amino acid	amino acid	Cl	H	NH-ethyl
amino acid	amino acid	Cl	H	NH-acetyl
amino acid	amino acid	Cl	H	OH
amino acid	amino acid	Cl	H	OMe
amino acid	amino acid	Cl	H	OEt
amino acid	amino acid	Cl	H	O-cyclopropyl
amino acid	amino acid	Cl	H	O-acetyl
amino acid	amino acid	Cl	H	SH
amino acid	amino acid	Cl	H	SMe
amino acid	amino acid	Cl	H	SEt
amino acid	amino acid	Cl	H	S-cyclopropyl
amino acid	amino acid	Cl	H	F
amino acid	amino acid	Cl	H	Cl
amino acid	amino acid	Cl	H	Br
amino acid	amino acid	Cl	H	I
amino acid	H	Cl	H	H
amino acid	H	Cl	H	NH <sub>2</sub>
amino acid	H	Cl	H	NH-cyclopropyl
amino acid	H	Cl	H	NH-methyl
amino acid	H	Cl	H	NH-ethyl
amino acid	H	Cl	H	NH-acetyl
amino acid	H	Cl	H	OH
amino acid	H	Cl	H	OMe
amino acid	H	Cl	H	OEt
amino acid	H	Cl	H	O-cyclopropyl
amino acid	H	Cl	H	O-acetyl
amino acid	H	Cl	H	SH
amino acid	H	Cl	H	SMe
amino acid	H	Cl	H	SEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	Cl	H	S-cyclopropyl
amino acid	H	Cl	H	F
amino acid	H	Cl	H	Cl
amino acid	H	Cl	H	Br
amino acid	H	Cl	H	I
amino acid	acyl	Cl	H	H
amino acid	acyl	Cl	H	NH <sub>2</sub>
amino acid	acyl	Cl	H	NH-cyclopropyl
amino acid	acyl	Cl	H	NH-methyl
amino acid	acyl	Cl	H	NH-ethyl
amino acid	acyl	Cl	H	NH-acetyl
amino acid	acyl	Cl	H	OH
amino acid	acyl	Cl	H	OMe
amino acid	acyl	Cl	H	OEt
amino acid	acyl	Cl	H	O-cyclopropyl
amino acid	acyl	Cl	H	O-acetyl
amino acid	acyl	Cl	H	SH
amino acid	acyl	Cl	H	SMe
amino acid	acyl	Cl	H	SEt
amino acid	acyl	Cl	H	S-cyclopropyl
amino acid	acyl	Cl	H	F
amino acid	acyl	Cl	H	Cl
amino acid	acyl	Cl	H	Br
amino acid	acyl	Cl	H	I
acyl	H	Cl	NH <sub>2</sub>	H
acyl	H	Cl	NH <sub>2</sub>	NH <sub>2</sub>
acyl	H	Cl	NH <sub>2</sub>	NH-cyclopropyl
acyl	H	Cl	NH <sub>2</sub>	NH-methyl
acyl	H	Cl	NH <sub>2</sub>	NH-ethyl
acyl	H	Cl	NH <sub>2</sub>	NH-acetyl
acyl	H	Cl	NH <sub>2</sub>	OH
acyl	H	Cl	NH <sub>2</sub>	OMe
acyl	H	Cl	NH <sub>2</sub>	OEt
acyl	H	Cl	NH <sub>2</sub>	O-cyclopropyl
acyl	H	Cl	NH <sub>2</sub>	O-acetyl
acyl	H	Cl	NH <sub>2</sub>	SH
acyl	H	Cl	NH <sub>2</sub>	SMe
acyl	H	Cl	NH <sub>2</sub>	SEt
acyl	H	Cl	NH <sub>2</sub>	S-cyclopropyl
acyl	H	Cl	NH <sub>2</sub>	F
acyl	H	Cl	NH <sub>2</sub>	Cl
acyl	H	Cl	NH <sub>2</sub>	Br
acyl	H	Cl	NH <sub>2</sub>	I
acyl	acyl	Cl	NH <sub>2</sub>	H
acyl	acyl	Cl	NH <sub>2</sub>	NH <sub>2</sub>
acyl	acyl	Cl	NH <sub>2</sub>	NH-cyclopropyl
acyl	acyl	Cl	NH <sub>2</sub>	NH-methyl



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	Cl	NH <sub>2</sub>	NH-ethyl
acyl	acyl	Cl	NH <sub>2</sub>	NH-acetyl
acyl	acyl	Cl	NH <sub>2</sub>	OH
acyl	acyl	Cl	NH <sub>2</sub>	OMe
acyl	acyl	Cl	NH <sub>2</sub>	OEt
acyl	acyl	Cl	NH <sub>2</sub>	O-cyclopropyl
acyl	acyl	Cl	NH <sub>2</sub>	O-acetyl
acyl	acyl	Cl	NH <sub>2</sub>	SH
acyl	acyl	Cl	NH <sub>2</sub>	SMe
acyl	acyl	Cl	NH <sub>2</sub>	SEt
acyl	acyl	Cl	NH <sub>2</sub>	S-cyclopropyl
acyl	acyl	Cl	NH <sub>2</sub>	F
acyl	acyl	Cl	NH <sub>2</sub>	Cl
acyl	acyl	Cl	NH <sub>2</sub>	Br
acyl	acyl	Cl	NH <sub>2</sub>	I
acyl	amino acid	Cl	NH <sub>2</sub>	H
acyl	amino acid	Cl	NH <sub>2</sub>	NH <sub>2</sub>
acyl	amino acid	Cl	NH <sub>2</sub>	NH-cyclopropyl
acyl	amino acid	Cl	NH <sub>2</sub>	NH-methyl
acyl	amino acid	Cl	NH <sub>2</sub>	NH-ethyl
acyl	amino acid	Cl	NH <sub>2</sub>	NH-acetyl
acyl	amino acid	Cl	NH <sub>2</sub>	OH
acyl	amino acid	Cl	NH <sub>2</sub>	OMe
acyl	amino acid	Cl	NH <sub>2</sub>	OEt
acyl	amino acid	Cl	NH <sub>2</sub>	O-cyclopropyl
acyl	amino acid	Cl	NH <sub>2</sub>	O-acetyl
acyl	amino acid	Cl	NH <sub>2</sub>	SH
acyl	amino acid	Cl	NH <sub>2</sub>	SMe
acyl	amino acid	Cl	NH <sub>2</sub>	SEt
acyl	amino acid	Cl	NH <sub>2</sub>	S-cyclopropyl
acyl	amino acid	Cl	NH <sub>2</sub>	F
acyl	amino acid	Cl	NH <sub>2</sub>	Cl
acyl	amino acid	Cl	NH <sub>2</sub>	Br
acyl	amino acid	Cl	NH <sub>2</sub>	I
H	acyl	Cl	NH <sub>2</sub>	H
H	acyl	Cl	NH <sub>2</sub>	NH <sub>2</sub>
H	acyl	Cl	NH <sub>2</sub>	NH-cyclopropyl
H	acyl	Cl	NH <sub>2</sub>	NH-methyl
H	acyl	Cl	NH <sub>2</sub>	NH-ethyl
H	acyl	Cl	NH <sub>2</sub>	NH-acetyl
H	acyl	Cl	NH <sub>2</sub>	OH
H	acyl	Cl	NH <sub>2</sub>	OMe
H	acyl	Cl	NH <sub>2</sub>	OEt
H	acyl	Cl	NH <sub>2</sub>	O-cyclopropyl
H	acyl	Cl	NH <sub>2</sub>	O-acetyl
H	acyl	Cl	NH <sub>2</sub>	SH
H	acyl	Cl	NH <sub>2</sub>	SMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	Cl	NH <sub>2</sub>	SEt
H	acyl	Cl	NH <sub>2</sub>	S-cyclopropyl
H	acyl	Cl	NH <sub>2</sub>	F
H	acyl	Cl	NH <sub>2</sub>	Cl
H	acyl	Cl	NH <sub>2</sub>	Br
H	acyl	Cl	NH <sub>2</sub>	I
H	amino acid	Cl	NH <sub>2</sub>	H
H	amino acid	Cl	NH <sub>2</sub>	NH <sub>2</sub>
H	amino acid	Cl	NH <sub>2</sub>	NH-cyclopropyl
H	amino acid	Cl	NH <sub>2</sub>	NH-methyl
H	amino acid	Cl	NH <sub>2</sub>	NH-ethyl
H	amino acid	Cl	NH <sub>2</sub>	NH-acetyl
H	amino acid	Cl	NH <sub>2</sub>	OH
H	amino acid	Cl	NH <sub>2</sub>	OMe
H	amino acid	Cl	NH <sub>2</sub>	OEt
H	amino acid	Cl	NH <sub>2</sub>	O-cyclopropyl
H	amino acid	Cl	NH <sub>2</sub>	O-acetyl
H	amino acid	Cl	NH <sub>2</sub>	SH
H	amino acid	Cl	NH <sub>2</sub>	SMe
H	amino acid	Cl	NH <sub>2</sub>	SEt
H	amino acid	Cl	NH <sub>2</sub>	S-cyclopropyl
H	amino acid	Cl	NH <sub>2</sub>	F
H	amino acid	Cl	NH <sub>2</sub>	Cl
H	amino acid	Cl	NH <sub>2</sub>	Br
H	amino acid	Cl	NH <sub>2</sub>	I
amino acid	amino acid	Cl	NH <sub>2</sub>	H
amino acid	amino acid	Cl	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	amino acid	Cl	NH <sub>2</sub>	NH-cyclopropyl
amino acid	amino acid	Cl	NH <sub>2</sub>	NH-methyl
amino acid	amino acid	Cl	NH <sub>2</sub>	NH-ethyl
amino acid	amino acid	Cl	NH <sub>2</sub>	NH-acetyl
amino acid	amino acid	Cl	NH <sub>2</sub>	OH
amino acid	amino acid	Cl	NH <sub>2</sub>	OMe
amino acid	amino acid	Cl	NH <sub>2</sub>	OEt
amino acid	amino acid	Cl	NH <sub>2</sub>	O-cyclopropyl
amino acid	amino acid	Cl	NH <sub>2</sub>	O-acetyl
amino acid	amino acid	Cl	NH <sub>2</sub>	SH
amino acid	amino acid	Cl	NH <sub>2</sub>	SMe
amino acid	amino acid	Cl	NH <sub>2</sub>	SEt
amino acid	amino acid	Cl	NH <sub>2</sub>	S-cyclopropyl
amino acid	amino acid	Cl	NH <sub>2</sub>	F
amino acid	amino acid	Cl	NH <sub>2</sub>	Cl
amino acid	amino acid	Cl	NH <sub>2</sub>	Br
amino acid	amino acid	Cl	NH <sub>2</sub>	I
amino acid	H	Cl	NH <sub>2</sub>	H
amino acid	H	Cl	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	H	Cl	NH <sub>2</sub>	NH-cyclopropyl

<b>R<sup>2</sup></b>	<b>R<sup>3</sup></b>	<b>X<sup>1</sup></b>	<b>X<sup>2</sup></b>	<b>Y</b>
amino acid	H	Cl	NH <sub>2</sub>	NH-methyl
amino acid	H	Cl	NH <sub>2</sub>	NH-ethyl
amino acid	H	Cl	NH <sub>2</sub>	NH-acetyl
amino acid	H	Cl	NH <sub>2</sub>	OH
amino acid	H	Cl	NH <sub>2</sub>	OMe
amino acid	H	Cl	NH <sub>2</sub>	OEt
amino acid	H	Cl	NH <sub>2</sub>	O-cyclopropyl
amino acid	H	Cl	NH <sub>2</sub>	O-acetyl
amino acid	H	Cl	NH <sub>2</sub>	SH
amino acid	H	Cl	NH <sub>2</sub>	SMe
amino acid	H	Cl	NH <sub>2</sub>	SEt
amino acid	H	Cl	NH <sub>2</sub>	S-cyclopropyl
amino acid	H	Cl	NH <sub>2</sub>	F
amino acid	H	Cl	NH <sub>2</sub>	Cl
amino acid	H	Cl	NH <sub>2</sub>	Br
amino acid	H	Cl	NH <sub>2</sub>	I
amino acid	acyl	Cl	NH <sub>2</sub>	H
amino acid	acyl	Cl	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	acyl	Cl	NH <sub>2</sub>	NH-cyclopropyl
amino acid	acyl	Cl	NH <sub>2</sub>	NH-methyl
amino acid	acyl	Cl	NH <sub>2</sub>	NH-ethyl
amino acid	acyl	Cl	NH <sub>2</sub>	NH-acetyl
amino acid	acyl	Cl	NH <sub>2</sub>	OH
amino acid	acyl	Cl	NH <sub>2</sub>	OMe
amino acid	acyl	Cl	NH <sub>2</sub>	OEt
amino acid	acyl	Cl	NH <sub>2</sub>	O-cyclopropyl
amino acid	acyl	Cl	NH <sub>2</sub>	O-acetyl
amino acid	acyl	Cl	NH <sub>2</sub>	SH
amino acid	acyl	Cl	NH <sub>2</sub>	SMe
amino acid	acyl	Cl	NH <sub>2</sub>	SEt
amino acid	acyl	Cl	NH <sub>2</sub>	S-cyclopropyl
amino acid	acyl	Cl	NH <sub>2</sub>	F
amino acid	acyl	Cl	NH <sub>2</sub>	Cl
amino acid	acyl	Cl	NH <sub>2</sub>	Br
amino acid	acyl	Cl	NH <sub>2</sub>	I
acyl	H	SH	NH <sub>2</sub>	H
acyl	H	SH	NH <sub>2</sub>	NH <sub>2</sub>
acyl	H	SH	NH <sub>2</sub>	NH-cyclopropyl
acyl	H	SH	NH <sub>2</sub>	NH-methyl
acyl	H	SH	NH <sub>2</sub>	NH-ethyl
acyl	H	SH	NH <sub>2</sub>	NH-acetyl
acyl	H	SH	NH <sub>2</sub>	OH
acyl	H	SH	NH <sub>2</sub>	OMe
acyl	H	SH	NH <sub>2</sub>	OEt
acyl	H	SH	NH <sub>2</sub>	O-cyclopropyl
acyl	H	SH	NH <sub>2</sub>	O-acetyl
acyl	H	SH	NH <sub>2</sub>	SH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	SH	NH <sub>2</sub>	SMe
acyl	H	SH	NH <sub>2</sub>	SEt
acyl	H	SH	NH <sub>2</sub>	S-cyclopropyl
acyl	H	SH	NH <sub>2</sub>	F
acyl	H	SH	NH <sub>2</sub>	Cl
acyl	H	SH	NH <sub>2</sub>	Br
acyl	H	SH	NH <sub>2</sub>	I
acyl	acyl	SH	NH <sub>2</sub>	H
acyl	acyl	SH	NH <sub>2</sub>	NH <sub>2</sub>
acyl	acyl	SH	NH <sub>2</sub>	NH-cyclopropyl
acyl	acyl	SH	NH <sub>2</sub>	NH-methyl
acyl	acyl	SH	NH <sub>2</sub>	NH-ethyl
acyl	acyl	SH	NH <sub>2</sub>	NH-acetyl
acyl	acyl	SH	NH <sub>2</sub>	OH
acyl	acyl	SH	NH <sub>2</sub>	OMe
acyl	acyl	SH	NH <sub>2</sub>	OEt
acyl	acyl	SH	NH <sub>2</sub>	O-cyclopropyl
acyl	acyl	SH	NH <sub>2</sub>	O-acetyl
acyl	acyl	SH	NH <sub>2</sub>	SH
acyl	acyl	SH	NH <sub>2</sub>	SMe
acyl	acyl	SH	NH <sub>2</sub>	SEt
acyl	acyl	SH	NH <sub>2</sub>	S-cyclopropyl
acyl	acyl	SH	NH <sub>2</sub>	F
acyl	acyl	SH	NH <sub>2</sub>	Cl
acyl	acyl	SH	NH <sub>2</sub>	Br
acyl	acyl	SH	NH <sub>2</sub>	I
acyl	amino acid	SH	NH <sub>2</sub>	H
acyl	amino acid	SH	NH <sub>2</sub>	NH <sub>2</sub>
acyl	amino acid	SH	NH <sub>2</sub>	NH-cyclopropyl
acyl	amino acid	SH	NH <sub>2</sub>	NH-methyl
acyl	amino acid	SH	NH <sub>2</sub>	NH-ethyl
acyl	amino acid	SH	NH <sub>2</sub>	NH-acetyl
acyl	amino acid	SH	NH <sub>2</sub>	OH
acyl	amino acid	SH	NH <sub>2</sub>	OMe
acyl	amino acid	SH	NH <sub>2</sub>	OEt
acyl	amino acid	SH	NH <sub>2</sub>	O-cyclopropyl
acyl	amino acid	SH	NH <sub>2</sub>	O-acetyl
acyl	amino acid	SH	NH <sub>2</sub>	SH
acyl	amino acid	SH	NH <sub>2</sub>	SMe
acyl	amino acid	SH	NH <sub>2</sub>	SEt
acyl	amino acid	SH	NH <sub>2</sub>	S-cyclopropyl
acyl	amino acid	SH	NH <sub>2</sub>	F
acyl	amino acid	SH	NH <sub>2</sub>	Cl
acyl	amino acid	SH	NH <sub>2</sub>	Br
acyl	amino acid	SH	NH <sub>2</sub>	I
H	acyl	SH	NH <sub>2</sub>	H
H	acyl	SH	NH <sub>2</sub>	NH <sub>2</sub>

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	SH	NH <sub>2</sub>	NH-cyclopropyl
H	acyl	SH	NH <sub>2</sub>	NH-methyl
H	acyl	SH	NH <sub>2</sub>	NH-ethyl
H	acyl	SH	NH <sub>2</sub>	NH-acetyl
H	acyl	SH	NH <sub>2</sub>	OH
H	acyl	SH	NH <sub>2</sub>	OMe
H	acyl	SH	NH <sub>2</sub>	OEt
H	acyl	SH	NH <sub>2</sub>	O-cyclopropyl
H	acyl	SH	NH <sub>2</sub>	O-acetyl
H	acyl	SH	NH <sub>2</sub>	SH
H	acyl	SH	NH <sub>2</sub>	SMe
H	acyl	SH	NH <sub>2</sub>	SEt
H	acyl	SH	NH <sub>2</sub>	S-cyclopropyl
H	acyl	SH	NH <sub>2</sub>	F
H	acyl	SH	NH <sub>2</sub>	Cl
H	acyl	SH	NH <sub>2</sub>	Br
H	acyl	SH	NH <sub>2</sub>	I
H	amino acid	SH	NH <sub>2</sub>	H
H	amino acid	SH	NH <sub>2</sub>	NH <sub>2</sub>
H	amino acid	SH	NH <sub>2</sub>	NH-cyclopropyl
H	amino acid	SH	NH <sub>2</sub>	NH-methyl
H	amino acid	SH	NH <sub>2</sub>	NH-ethyl
H	amino acid	SH	NH <sub>2</sub>	NH-acetyl
H	amino acid	SH	NH <sub>2</sub>	OH
H	amino acid	SH	NH <sub>2</sub>	OMe
H	amino acid	SH	NH <sub>2</sub>	OEt
H	amino acid	SH	NH <sub>2</sub>	O-cyclopropyl
H	amino acid	SH	NH <sub>2</sub>	O-acetyl
H	amino acid	SH	NH <sub>2</sub>	SH
H	amino acid	SH	NH <sub>2</sub>	SMe
H	amino acid	SH	NH <sub>2</sub>	SEt
H	amino acid	SH	NH <sub>2</sub>	S-cyclopropyl
H	amino acid	SH	NH <sub>2</sub>	F
H	amino acid	SH	NH <sub>2</sub>	Cl
H	amino acid	SH	NH <sub>2</sub>	Br
H	amino acid	SH	NH <sub>2</sub>	I
amino acid	amino acid	SH	NH <sub>2</sub>	H
amino acid	amino acid	SH	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	amino acid	SH	NH <sub>2</sub>	NH-cyclopropyl
amino acid	amino acid	SH	NH <sub>2</sub>	NH-methyl
amino acid	amino acid	SH	NH <sub>2</sub>	NH-ethyl
amino acid	amino acid	SH	NH <sub>2</sub>	NH-acetyl
amino acid	amino acid	SH	NH <sub>2</sub>	OH
amino acid	amino acid	SH	NH <sub>2</sub>	OMe
amino acid	amino acid	SH	NH <sub>2</sub>	OEt
amino acid	amino acid	SH	NH <sub>2</sub>	O-cyclopropyl
amino acid	amino acid	SH	NH <sub>2</sub>	O-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	SH	NH <sub>2</sub>	SH
amino acid	amino acid	SH	NH <sub>2</sub>	SMe
amino acid	amino acid	SH	NH <sub>2</sub>	SEt
amino acid	amino acid	SH	NH <sub>2</sub>	S-cyclopropyl
amino acid	amino acid	SH	NH <sub>2</sub>	F
amino acid	amino acid	SH	NH <sub>2</sub>	Cl
amino acid	amino acid	SH	NH <sub>2</sub>	Br
amino acid	amino acid	SH	NH <sub>2</sub>	I
amino acid	H	SH	NH <sub>2</sub>	H
amino acid	H	SH	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	H	SH	NH <sub>2</sub>	NH-cyclopropyl
amino acid	H	SH	NH <sub>2</sub>	NH-methyl
amino acid	H	SH	NH <sub>2</sub>	NH-ethyl
amino acid	H	SH	NH <sub>2</sub>	NH-acetyl
amino acid	H	SH	NH <sub>2</sub>	OH
amino acid	H	SH	NH <sub>2</sub>	OMe
amino acid	H	SH	NH <sub>2</sub>	OEt
amino acid	H	SH	NH <sub>2</sub>	O-cyclopropyl
amino acid	H	SH	NH <sub>2</sub>	O-acetyl
amino acid	H	SH	NH <sub>2</sub>	SH
amino acid	H	SH	NH <sub>2</sub>	SMe
amino acid	H	SH	NH <sub>2</sub>	SEt
amino acid	H	SH	NH <sub>2</sub>	S-cyclopropyl
amino acid	H	SH	NH <sub>2</sub>	F
amino acid	H	SH	NH <sub>2</sub>	Cl
amino acid	H	SH	NH <sub>2</sub>	Br
amino acid	H	SH	NH <sub>2</sub>	I
amino acid	acyl	SH	NH <sub>2</sub>	H
amino acid	acyl	SH	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	acyl	SH	NH <sub>2</sub>	NH-cyclopropyl
amino acid	acyl	SH	NH <sub>2</sub>	NH-methyl
amino acid	acyl	SH	NH <sub>2</sub>	NH-ethyl
amino acid	acyl	SH	NH <sub>2</sub>	NH-acetyl
amino acid	acyl	SH	NH <sub>2</sub>	OH
amino acid	acyl	SH	NH <sub>2</sub>	OMe
amino acid	acyl	SH	NH <sub>2</sub>	OEt
amino acid	acyl	SH	NH <sub>2</sub>	O-cyclopropyl
amino acid	acyl	SH	NH <sub>2</sub>	O-acetyl
amino acid	acyl	SH	NH <sub>2</sub>	SH
amino acid	acyl	SH	NH <sub>2</sub>	SMe
amino acid	acyl	SH	NH <sub>2</sub>	SEt
amino acid	acyl	SH	NH <sub>2</sub>	S-cyclopropyl
amino acid	acyl	SH	NH <sub>2</sub>	F
amino acid	acyl	SH	NH <sub>2</sub>	Cl
amino acid	acyl	SH	NH <sub>2</sub>	Br
amino acid	acyl	SH	NH <sub>2</sub>	I
acyl	H	Br	NH <sub>2</sub>	H

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	Br	NH <sub>2</sub>	NH <sub>2</sub>
acyl	H	Br	NH <sub>2</sub>	NH-cyclopropyl
acyl	H	Br	NH <sub>2</sub>	NH-methyl
acyl	H	Br	NH <sub>2</sub>	NH-ethyl
acyl	H	Br	NH <sub>2</sub>	NH-acetyl
acyl	H	Br	NH <sub>2</sub>	OH
acyl	H	Br	NH <sub>2</sub>	OMe
acyl	H	Br	NH <sub>2</sub>	OEt
acyl	H	Br	NH <sub>2</sub>	O-cyclopropyl
acyl	H	Br	NH <sub>2</sub>	O-acetyl
acyl	H	Br	NH <sub>2</sub>	SH
acyl	H	Br	NH <sub>2</sub>	SMe
acyl	H	Br	NH <sub>2</sub>	SEt
acyl	H	Br	NH <sub>2</sub>	S-cyclopropyl
acyl	H	Br	NH <sub>2</sub>	F
acyl	H	Br	NH <sub>2</sub>	Cl
acyl	H	Br	NH <sub>2</sub>	Br
acyl	H	Br	NH <sub>2</sub>	I
acyl	acyl	Br	NH <sub>2</sub>	H
acyl	acyl	Br	NH <sub>2</sub>	NH <sub>2</sub>
acyl	acyl	Br	NH <sub>2</sub>	NH-cyclopropyl
acyl	acyl	Br	NH <sub>2</sub>	NH-methyl
acyl	acyl	Br	NH <sub>2</sub>	NH-ethyl
acyl	acyl	Br	NH <sub>2</sub>	NH-acetyl
acyl	acyl	Br	NH <sub>2</sub>	OH
acyl	acyl	Br	NH <sub>2</sub>	OMe
acyl	acyl	Br	NH <sub>2</sub>	OEt
acyl	acyl	Br	NH <sub>2</sub>	O-cyclopropyl
acyl	acyl	Br	NH <sub>2</sub>	O-acetyl
acyl	acyl	Br	NH <sub>2</sub>	SH
acyl	acyl	Br	NH <sub>2</sub>	SMe
acyl	acyl	Br	NH <sub>2</sub>	SEt
acyl	acyl	Br	NH <sub>2</sub>	S-cyclopropyl
acyl	acyl	Br	NH <sub>2</sub>	F
acyl	acyl	Br	NH <sub>2</sub>	Cl
acyl	acyl	Br	NH <sub>2</sub>	Br
acyl	acyl	Br	NH <sub>2</sub>	I
acyl	amino acid	Br	NH <sub>2</sub>	H
acyl	amino acid	Br	NH <sub>2</sub>	NH <sub>2</sub>
acyl	amino acid	Br	NH <sub>2</sub>	NH-cyclopropyl
acyl	amino acid	Br	NH <sub>2</sub>	NH-methyl
acyl	amino acid	Br	NH <sub>2</sub>	NH-ethyl
acyl	amino acid	Br	NH <sub>2</sub>	NH-acetyl
acyl	amino acid	Br	NH <sub>2</sub>	OH
acyl	amino acid	Br	NH <sub>2</sub>	OMe
acyl	amino acid	Br	NH <sub>2</sub>	OEt
acyl	amino acid	Br	NH <sub>2</sub>	O-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	Br	NH <sub>2</sub>	O-acetyl
acyl	amino acid	Br	NH <sub>2</sub>	SH
acyl	amino acid	Br	NH <sub>2</sub>	SMe
acyl	amino acid	Br	NH <sub>2</sub>	SEt
acyl	amino acid	Br	NH <sub>2</sub>	S-cyclopropyl
acyl	amino acid	Br	NH <sub>2</sub>	F
acyl	amino acid	Br	NH <sub>2</sub>	Cl
acyl	amino acid	Br	NH <sub>2</sub>	Br
acyl	amino acid	Br	NH <sub>2</sub>	I
H	acyl	Br	NH <sub>2</sub>	H
H	acyl	Br	NH <sub>2</sub>	NH <sub>2</sub>
H	acyl	Br	NH <sub>2</sub>	NH-cyclopropyl
H	acyl	Br	NH <sub>2</sub>	NH-methyl
H	acyl	Br	NH <sub>2</sub>	NH-ethyl
H	acyl	Br	NH <sub>2</sub>	NH-acetyl
H	acyl	Br	NH <sub>2</sub>	OH
H	acyl	Br	NH <sub>2</sub>	OMe
H	acyl	Br	NH <sub>2</sub>	OEt
H	acyl	Br	NH <sub>2</sub>	O-cyclopropyl
H	acyl	Br	NH <sub>2</sub>	O-acetyl
H	acyl	Br	NH <sub>2</sub>	SH
H	acyl	Br	NH <sub>2</sub>	SMe
H	acyl	Br	NH <sub>2</sub>	SEt
H	acyl	Br	NH <sub>2</sub>	S-cyclopropyl
H	acyl	Br	NH <sub>2</sub>	F
H	acyl	Br	NH <sub>2</sub>	Cl
H	acyl	Br	NH <sub>2</sub>	Br
H	acyl	Br	NH <sub>2</sub>	I
H	amino acid	Br	NH <sub>2</sub>	H
H	amino acid	Br	NH <sub>2</sub>	NH <sub>2</sub>
H	amino acid	Br	NH <sub>2</sub>	NH-cyclopropyl
H	amino acid	Br	NH <sub>2</sub>	NH-methyl
H	amino acid	Br	NH <sub>2</sub>	NH-ethyl
H	amino acid	Br	NH <sub>2</sub>	NH-acetyl
H	amino acid	Br	NH <sub>2</sub>	OH
H	amino acid	Br	NH <sub>2</sub>	OMe
H	amino acid	Br	NH <sub>2</sub>	OEt
H	amino acid	Br	NH <sub>2</sub>	O-cyclopropyl
H	amino acid	Br	NH <sub>2</sub>	O-acetyl
H	amino acid	Br	NH <sub>2</sub>	SH
H	amino acid	Br	NH <sub>2</sub>	SMe
H	amino acid	Br	NH <sub>2</sub>	SEt
H	amino acid	Br	NH <sub>2</sub>	S-cyclopropyl
H	amino acid	Br	NH <sub>2</sub>	F
H	amino acid	Br	NH <sub>2</sub>	Cl
H	amino acid	Br	NH <sub>2</sub>	Br
H	amino acid	Br	NH <sub>2</sub>	I



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	Br	NH <sub>2</sub>	H
amino acid	amino acid	Br	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	amino acid	Br	NH <sub>2</sub>	NH-cyclopropyl
amino acid	amino acid	Br	NH <sub>2</sub>	NH-methyl
amino acid	amino acid	Br	NH <sub>2</sub>	NH-ethyl
amino acid	amino acid	Br	NH <sub>2</sub>	NH-acetyl
amino acid	amino acid	Br	NH <sub>2</sub>	OH
amino acid	amino acid	Br	NH <sub>2</sub>	OMe
amino acid	amino acid	Br	NH <sub>2</sub>	OEt
amino acid	amino acid	Br	NH <sub>2</sub>	O-cyclopropyl
amino acid	amino acid	Br	NH <sub>2</sub>	O-acetyl
amino acid	amino acid	Br	NH <sub>2</sub>	SH
amino acid	amino acid	Br	NH <sub>2</sub>	SMe
amino acid	amino acid	Br	NH <sub>2</sub>	SEt
amino acid	amino acid	Br	NH <sub>2</sub>	S-cyclopropyl
amino acid	amino acid	Br	NH <sub>2</sub>	F
amino acid	amino acid	Br	NH <sub>2</sub>	Cl
amino acid	amino acid	Br	NH <sub>2</sub>	Br
amino acid	amino acid	Br	NH <sub>2</sub>	I
amino acid	H	Br	NH <sub>2</sub>	H
amino acid	H	Br	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	H	Br	NH <sub>2</sub>	NH-cyclopropyl
amino acid	H	Br	NH <sub>2</sub>	NH-methyl
amino acid	H	Br	NH <sub>2</sub>	NH-ethyl
amino acid	H	Br	NH <sub>2</sub>	NH-acetyl
amino acid	H	Br	NH <sub>2</sub>	OH
amino acid	H	Br	NH <sub>2</sub>	OMe
amino acid	H	Br	NH <sub>2</sub>	OEt
amino acid	H	Br	NH <sub>2</sub>	O-cyclopropyl
amino acid	H	Br	NH <sub>2</sub>	O-acetyl
amino acid	H	Br	NH <sub>2</sub>	SH
amino acid	H	Br	NH <sub>2</sub>	SMe
amino acid	H	Br	NH <sub>2</sub>	SEt
amino acid	H	Br	NH <sub>2</sub>	S-cyclopropyl
amino acid	H	Br	NH <sub>2</sub>	F
amino acid	H	Br	NH <sub>2</sub>	Cl
amino acid	H	Br	NH <sub>2</sub>	Br
amino acid	H	Br	NH <sub>2</sub>	I
amino acid	acyl	Br	NH <sub>2</sub>	H
amino acid	acyl	Br	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	acyl	Br	NH <sub>2</sub>	NH-cyclopropyl
amino acid	acyl	Br	NH <sub>2</sub>	NH-methyl
amino acid	acyl	Br	NH <sub>2</sub>	NH-ethyl
amino acid	acyl	Br	NH <sub>2</sub>	NH-acetyl
amino acid	acyl	Br	NH <sub>2</sub>	OH
amino acid	acyl	Br	NH <sub>2</sub>	OMe
amino acid	acyl	Br	NH <sub>2</sub>	OEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	Br	NH <sub>2</sub>	O-cyclopropyl
amino acid	acyl	Br	NH <sub>2</sub>	O-acetyl
amino acid	acyl	Br	NH <sub>2</sub>	SH
amino acid	acyl	Br	NH <sub>2</sub>	SMe
amino acid	acyl	Br	NH <sub>2</sub>	SEt
amino acid	acyl	Br	NH <sub>2</sub>	S-cyclopropyl
amino acid	acyl	Br	NH <sub>2</sub>	F
amino acid	acyl	Br	NH <sub>2</sub>	Cl
amino acid	acyl	Br	NH <sub>2</sub>	Br
amino acid	acyl	Br	NH <sub>2</sub>	I
acyl	H	F	NH <sub>2</sub>	H
acyl	H	F	NH <sub>2</sub>	NH <sub>2</sub>
acyl	H	F	NH <sub>2</sub>	NH-cyclopropyl
acyl	H	F	NH <sub>2</sub>	NH-methyl
acyl	H	F	NH <sub>2</sub>	NH-ethyl
acyl	H	F	NH <sub>2</sub>	NH-acetyl
acyl	H	F	NH <sub>2</sub>	OH
acyl	H	F	NH <sub>2</sub>	OMe
acyl	H	F	NH <sub>2</sub>	OEt
acyl	H	F	NH <sub>2</sub>	O-cyclopropyl
acyl	H	F	NH <sub>2</sub>	O-acetyl
acyl	H	F	NH <sub>2</sub>	SH
acyl	H	F	NH <sub>2</sub>	SMe
acyl	H	F	NH <sub>2</sub>	SEt
acyl	H	F	NH <sub>2</sub>	S-cyclopropyl
acyl	H	F	NH <sub>2</sub>	F
acyl	H	F	NH <sub>2</sub>	Cl
acyl	H	F	NH <sub>2</sub>	Br
acyl	H	F	NH <sub>2</sub>	I
acyl	acyl	F	NH <sub>2</sub>	H
acyl	acyl	F	NH <sub>2</sub>	NH <sub>2</sub>
acyl	acyl	F	NH <sub>2</sub>	NH-cyclopropyl
acyl	acyl	F	NH <sub>2</sub>	NH-methyl
acyl	acyl	F	NH <sub>2</sub>	NH-ethyl
acyl	acyl	F	NH <sub>2</sub>	NH-acetyl
acyl	acyl	F	NH <sub>2</sub>	OH
acyl	acyl	F	NH <sub>2</sub>	OMe
acyl	acyl	F	NH <sub>2</sub>	OEt
acyl	acyl	F	NH <sub>2</sub>	O-cyclopropyl
acyl	acyl	F	NH <sub>2</sub>	O-acetyl
acyl	acyl	F	NH <sub>2</sub>	SH
acyl	acyl	F	NH <sub>2</sub>	SMe
acyl	acyl	F	NH <sub>2</sub>	SEt
acyl	acyl	F	NH <sub>2</sub>	S-cyclopropyl
acyl	acyl	F	NH <sub>2</sub>	F
acyl	acyl	F	NH <sub>2</sub>	Cl
acyl	acyl	F	NH <sub>2</sub>	Br

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	F	NH <sub>2</sub>	I
acyl	amino acid	F	NH <sub>2</sub>	H
acyl	amino acid	F	NH <sub>2</sub>	NH <sub>2</sub>
acyl	amino acid	F	NH <sub>2</sub>	NH-cyclopropyl
acyl	amino acid	F	NH <sub>2</sub>	NH-methyl
acyl	amino acid	F	NH <sub>2</sub>	NH-ethyl
acyl	amino acid	F	NH <sub>2</sub>	NH-acetyl
acyl	amino acid	F	NH <sub>2</sub>	OH
acyl	amino acid	F	NH <sub>2</sub>	OMe
acyl	amino acid	F	NH <sub>2</sub>	OEt
acyl	amino acid	F	NH <sub>2</sub>	O-cyclopropyl
acyl	amino acid	F	NH <sub>2</sub>	O-acetyl
acyl	amino acid	F	NH <sub>2</sub>	SH
acyl	amino acid	F	NH <sub>2</sub>	SMe
acyl	amino acid	F	NH <sub>2</sub>	SEt
acyl	amino acid	F	NH <sub>2</sub>	S-cyclopropyl
acyl	amino acid	F	NH <sub>2</sub>	F
acyl	amino acid	F	NH <sub>2</sub>	Cl
acyl	amino acid	F	NH <sub>2</sub>	Br
acyl	amino acid	F	NH <sub>2</sub>	I
H	acyl	F	NH <sub>2</sub>	H
H	acyl	F	NH <sub>2</sub>	NH <sub>2</sub>
H	acyl	F	NH <sub>2</sub>	NH-cyclopropyl
H	acyl	F	NH <sub>2</sub>	NH-methyl
H	acyl	F	NH <sub>2</sub>	NH-ethyl
H	acyl	F	NH <sub>2</sub>	NH-acetyl
H	acyl	F	NH <sub>2</sub>	OH
H	acyl	F	NH <sub>2</sub>	OMe
H	acyl	F	NH <sub>2</sub>	OEt
H	acyl	F	NH <sub>2</sub>	O-cyclopropyl
H	acyl	F	NH <sub>2</sub>	O-acetyl
H	acyl	F	NH <sub>2</sub>	SH
H	acyl	F	NH <sub>2</sub>	SMe
H	acyl	F	NH <sub>2</sub>	SEt
H	acyl	F	NH <sub>2</sub>	S-cyclopropyl
H	acyl	F	NH <sub>2</sub>	F
H	acyl	F	NH <sub>2</sub>	Cl
H	acyl	F	NH <sub>2</sub>	Br
H	acyl	F	NH <sub>2</sub>	I
H	amino acid	F	NH <sub>2</sub>	H
H	amino acid	F	NH <sub>2</sub>	NH <sub>2</sub>
H	amino acid	F	NH <sub>2</sub>	NH-cyclopropyl
H	amino acid	F	NH <sub>2</sub>	NH-methyl
H	amino acid	F	NH <sub>2</sub>	NH-ethyl
H	amino acid	F	NH <sub>2</sub>	NH-acetyl
H	amino acid	F	NH <sub>2</sub>	OH
H	amino acid	F	NH <sub>2</sub>	OMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	F	NH <sub>2</sub>	OEt
H	amino acid	F	NH <sub>2</sub>	O-cyclopropyl
H	amino acid	F	NH <sub>2</sub>	O-acetyl
H	amino acid	F	NH <sub>2</sub>	SH
H	amino acid	F	NH <sub>2</sub>	SMe
H	amino acid	F	NH <sub>2</sub>	SEt
H	amino acid	F	NH <sub>2</sub>	S-cyclopropyl
H	amino acid	F	NH <sub>2</sub>	F
H	amino acid	F	NH <sub>2</sub>	Cl
H	amino acid	F	NH <sub>2</sub>	Br
H	amino acid	F	NH <sub>2</sub>	I
amino acid	amino acid	F	NH <sub>2</sub>	H
amino acid	amino acid	F	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	amino acid	F	NH <sub>2</sub>	NH-cyclopropyl
amino acid	amino acid	F	NH <sub>2</sub>	NH-methyl
amino acid	amino acid	F	NH <sub>2</sub>	NH-ethyl
amino acid	amino acid	F	NH <sub>2</sub>	NH-acetyl
amino acid	amino acid	F	NH <sub>2</sub>	OH
amino acid	amino acid	F	NH <sub>2</sub>	OMe
amino acid	amino acid	F	NH <sub>2</sub>	OEt
amino acid	amino acid	F	NH <sub>2</sub>	O-cyclopropyl
amino acid	amino acid	F	NH <sub>2</sub>	O-acetyl
amino acid	amino acid	F	NH <sub>2</sub>	SH
amino acid	amino acid	F	NH <sub>2</sub>	SMe
amino acid	amino acid	F	NH <sub>2</sub>	SEt
amino acid	amino acid	F	NH <sub>2</sub>	S-cyclopropyl
amino acid	amino acid	F	NH <sub>2</sub>	F
amino acid	amino acid	F	NH <sub>2</sub>	Cl
amino acid	amino acid	F	NH <sub>2</sub>	Br
amino acid	amino acid	F	NH <sub>2</sub>	I
amino acid	H	F	NH <sub>2</sub>	H
amino acid	H	F	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	H	F	NH <sub>2</sub>	NH-cyclopropyl
amino acid	H	F	NH <sub>2</sub>	NH-methyl
amino acid	H	F	NH <sub>2</sub>	NH-ethyl
amino acid	H	F	NH <sub>2</sub>	NH-acetyl
amino acid	H	F	NH <sub>2</sub>	OH
amino acid	H	F	NH <sub>2</sub>	OMe
amino acid	H	F	NH <sub>2</sub>	OEt
amino acid	H	F	NH <sub>2</sub>	O-cyclopropyl
amino acid	H	F	NH <sub>2</sub>	O-acetyl
amino acid	H	F	NH <sub>2</sub>	SH
amino acid	H	F	NH <sub>2</sub>	SMe
amino acid	H	F	NH <sub>2</sub>	SEt
amino acid	H	F	NH <sub>2</sub>	S-cyclopropyl
amino acid	H	F	NH <sub>2</sub>	F
amino acid	H	F	NH <sub>2</sub>	Cl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	F	NH <sub>2</sub>	Br
amino acid	H	F	NH <sub>2</sub>	I
amino acid	acyl	F	NH <sub>2</sub>	H
amino acid	acyl	F	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	acyl	F	NH <sub>2</sub>	NH-cyclopropyl
amino acid	acyl	F	NH <sub>2</sub>	NH-methyl
amino acid	acyl	F	NH <sub>2</sub>	NH-ethyl
amino acid	acyl	F	NH <sub>2</sub>	NH-acetyl
amino acid	acyl	F	NH <sub>2</sub>	OH
amino acid	acyl	F	NH <sub>2</sub>	OMe
amino acid	acyl	F	NH <sub>2</sub>	OEt
amino acid	acyl	F	NH <sub>2</sub>	O-cyclopropyl
amino acid	acyl	F	NH <sub>2</sub>	O-acetyl
amino acid	acyl	F	NH <sub>2</sub>	SH
amino acid	acyl	F	NH <sub>2</sub>	SMe
amino acid	acyl	F	NH <sub>2</sub>	SEt
amino acid	acyl	F	NH <sub>2</sub>	S-cyclopropyl
amino acid	acyl	F	NH <sub>2</sub>	F
amino acid	acyl	F	NH <sub>2</sub>	Cl
amino acid	acyl	F	NH <sub>2</sub>	Br
amino acid	acyl	F	NH <sub>2</sub>	I
acyl	H	NH <sub>2</sub>	F	H
acyl	H	NH <sub>2</sub>	F	NH <sub>2</sub>
acyl	H	NH <sub>2</sub>	F	NH-cyclopropyl
acyl	H	NH <sub>2</sub>	F	NH-methyl
acyl	H	NH <sub>2</sub>	F	NH-ethyl
acyl	H	NH <sub>2</sub>	F	NH-acetyl
acyl	H	NH <sub>2</sub>	F	OH
acyl	H	NH <sub>2</sub>	F	OMe
acyl	H	NH <sub>2</sub>	F	OEt
acyl	H	NH <sub>2</sub>	F	O-cyclopropyl
acyl	H	NH <sub>2</sub>	F	O-acetyl
acyl	H	NH <sub>2</sub>	F	SH
acyl	H	NH <sub>2</sub>	F	SMe
acyl	H	NH <sub>2</sub>	F	SEt
acyl	H	NH <sub>2</sub>	F	S-cyclopropyl
acyl	H	NH <sub>2</sub>	F	F
acyl	H	NH <sub>2</sub>	F	Cl
acyl	H	NH <sub>2</sub>	F	Br
acyl	H	NH <sub>2</sub>	F	I
acyl	acyl	NH <sub>2</sub>	F	H
acyl	acyl	NH <sub>2</sub>	F	NH <sub>2</sub>
acyl	acyl	NH <sub>2</sub>	F	NH-cyclopropyl
acyl	acyl	NH <sub>2</sub>	F	NH-methyl
acyl	acyl	NH <sub>2</sub>	F	NH-ethyl
acyl	acyl	NH <sub>2</sub>	F	NH-acetyl
acyl	acyl	NH <sub>2</sub>	F	OH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	NH <sub>2</sub>	F	OMe
acyl	acyl	NH <sub>2</sub>	F	OEt
acyl	acyl	NH <sub>2</sub>	F	O-cyclopropyl
acyl	acyl	NH <sub>2</sub>	F	O-acetyl
acyl	acyl	NH <sub>2</sub>	F	SH
acyl	acyl	NH <sub>2</sub>	F	SMe
acyl	acyl	NH <sub>2</sub>	F	SEt
acyl	acyl	NH <sub>2</sub>	F	S-cyclopropyl
acyl	acyl	NH <sub>2</sub>	F	F
acyl	acyl	NH <sub>2</sub>	F	Cl
acyl	acyl	NH <sub>2</sub>	F	Br
acyl	acyl	NH <sub>2</sub>	F	I
acyl	amino acid	NH <sub>2</sub>	F	H
acyl	amino acid	NH <sub>2</sub>	F	NH <sub>2</sub>
acyl	amino acid	NH <sub>2</sub>	F	NH-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	F	NH-methyl
acyl	amino acid	NH <sub>2</sub>	F	NH-ethyl
acyl	amino acid	NH <sub>2</sub>	F	NH-acetyl
acyl	amino acid	NH <sub>2</sub>	F	OH
acyl	amino acid	NH <sub>2</sub>	F	OMe
acyl	amino acid	NH <sub>2</sub>	F	OEt
acyl	amino acid	NH <sub>2</sub>	F	O-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	F	O-acetyl
acyl	amino acid	NH <sub>2</sub>	F	SH
acyl	amino acid	NH <sub>2</sub>	F	SMe
acyl	amino acid	NH <sub>2</sub>	F	SEt
acyl	amino acid	NH <sub>2</sub>	F	S-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	F	F
acyl	amino acid	NH <sub>2</sub>	F	Cl
acyl	amino acid	NH <sub>2</sub>	F	Br
acyl	amino acid	NH <sub>2</sub>	F	I
H	acyl	NH <sub>2</sub>	F	H
H	acyl	NH <sub>2</sub>	F	NH <sub>2</sub>
H	acyl	NH <sub>2</sub>	F	NH-cyclopropyl
H	acyl	NH <sub>2</sub>	F	NH-methyl
H	acyl	NH <sub>2</sub>	F	NH-ethyl
H	acyl	NH <sub>2</sub>	F	NH-acetyl
H	acyl	NH <sub>2</sub>	F	OH
H	acyl	NH <sub>2</sub>	F	OMe
H	acyl	NH <sub>2</sub>	F	OEt
H	acyl	NH <sub>2</sub>	F	O-cyclopropyl
H	acyl	NH <sub>2</sub>	F	O-acetyl
H	acyl	NH <sub>2</sub>	F	SH
H	acyl	NH <sub>2</sub>	F	SMe
H	acyl	NH <sub>2</sub>	F	SEt
H	acyl	NH <sub>2</sub>	F	S-cyclopropyl
H	acyl	NH <sub>2</sub>	F	F

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	NH <sub>2</sub>	F	Cl
H	acyl	NH <sub>2</sub>	F	Br
H	acyl	NH <sub>2</sub>	F	I
H	amino acid	NH <sub>2</sub>	F	H
H	amino acid	NH <sub>2</sub>	F	NH <sub>2</sub>
H	amino acid	NH <sub>2</sub>	F	NH-cyclopropyl
H	amino acid	NH <sub>2</sub>	F	NH-methyl
H	amino acid	NH <sub>2</sub>	F	NH-ethyl
H	amino acid	NH <sub>2</sub>	F	NH-acetyl
H	amino acid	NH <sub>2</sub>	F	OH
H	amino acid	NH <sub>2</sub>	F	OMe
H	amino acid	NH <sub>2</sub>	F	OEt
H	amino acid	NH <sub>2</sub>	F	O-cyclopropyl
H	amino acid	NH <sub>2</sub>	F	O-acetyl
H	amino acid	NH <sub>2</sub>	F	SH
H	amino acid	NH <sub>2</sub>	F	SMe
H	amino acid	NH <sub>2</sub>	F	SEt
H	amino acid	NH <sub>2</sub>	F	S-cyclopropyl
H	amino acid	NH <sub>2</sub>	F	F
H	amino acid	NH <sub>2</sub>	F	Cl
H	amino acid	NH <sub>2</sub>	F	Br
H	amino acid	NH <sub>2</sub>	F	I
amino acid	amino acid	NH <sub>2</sub>	F	H
amino acid	amino acid	NH <sub>2</sub>	F	NH <sub>2</sub>
amino acid	amino acid	NH <sub>2</sub>	F	NH-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	F	NH-methyl
amino acid	amino acid	NH <sub>2</sub>	F	NH-ethyl
amino acid	amino acid	NH <sub>2</sub>	F	NH-acetyl
amino acid	amino acid	NH <sub>2</sub>	F	OH
amino acid	amino acid	NH <sub>2</sub>	F	OMe
amino acid	amino acid	NH <sub>2</sub>	F	OEt
amino acid	amino acid	NH <sub>2</sub>	F	O-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	F	O-acetyl
amino acid	amino acid	NH <sub>2</sub>	F	SH
amino acid	amino acid	NH <sub>2</sub>	F	SMe
amino acid	amino acid	NH <sub>2</sub>	F	SEt
amino acid	amino acid	NH <sub>2</sub>	F	S-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	F	F
amino acid	amino acid	NH <sub>2</sub>	F	Cl
amino acid	amino acid	NH <sub>2</sub>	F	Br
amino acid	amino acid	NH <sub>2</sub>	F	I
amino acid	H	NH <sub>2</sub>	F	H
amino acid	H	NH <sub>2</sub>	F	NH <sub>2</sub>
amino acid	H	NH <sub>2</sub>	F	NH-cyclopropyl
amino acid	H	NH <sub>2</sub>	F	NH-methyl
amino acid	H	NH <sub>2</sub>	F	NH-ethyl
amino acid	H	NH <sub>2</sub>	F	NH-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	NH <sub>2</sub>	F	OH
amino acid	H	NH <sub>2</sub>	F	OMe
amino acid	H	NH <sub>2</sub>	F	OEt
amino acid	H	NH <sub>2</sub>	F	O-cyclopropyl
amino acid	H	NH <sub>2</sub>	F	O-acetyl
amino acid	H	NH <sub>2</sub>	F	SH
amino acid	H	NH <sub>2</sub>	F	SMe
amino acid	H	NH <sub>2</sub>	F	SEt
amino acid	H	NH <sub>2</sub>	F	S-cyclopropyl
amino acid	H	NH <sub>2</sub>	F	F
amino acid	H	NH <sub>2</sub>	F	Cl
amino acid	H	NH <sub>2</sub>	F	Br
amino acid	H	NH <sub>2</sub>	F	I
amino acid	acyl	NH <sub>2</sub>	F	H
amino acid	acyl	NH <sub>2</sub>	F	NH <sub>2</sub>
amino acid	acyl	NH <sub>2</sub>	F	NH-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	F	NH-methyl
amino acid	acyl	NH <sub>2</sub>	F	NH-ethyl
amino acid	acyl	NH <sub>2</sub>	F	NH-acetyl
amino acid	acyl	NH <sub>2</sub>	F	OH
amino acid	acyl	NH <sub>2</sub>	F	OMe
amino acid	acyl	NH <sub>2</sub>	F	OEt
amino acid	acyl	NH <sub>2</sub>	F	O-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	F	O-acetyl
amino acid	acyl	NH <sub>2</sub>	F	SH
amino acid	acyl	NH <sub>2</sub>	F	SMe
amino acid	acyl	NH <sub>2</sub>	F	SEt
amino acid	acyl	NH <sub>2</sub>	F	S-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	F	F
amino acid	acyl	NH <sub>2</sub>	F	Cl
amino acid	acyl	NH <sub>2</sub>	F	Br
amino acid	acyl	NH <sub>2</sub>	F	I
acyl	H	NH <sub>2</sub>	Br	H
acyl	H	NH <sub>2</sub>	Br	NH <sub>2</sub>
acyl	H	NH <sub>2</sub>	Br	NH-cyclopropyl
acyl	H	NH <sub>2</sub>	Br	NH-methyl
acyl	H	NH <sub>2</sub>	Br	NH-ethyl
acyl	H	NH <sub>2</sub>	Br	NH-acetyl
acyl	H	NH <sub>2</sub>	Br	OH
acyl	H	NH <sub>2</sub>	Br	OMe
acyl	H	NH <sub>2</sub>	Br	OEt
acyl	H	NH <sub>2</sub>	Br	O-cyclopropyl
acyl	H	NH <sub>2</sub>	Br	O-acetyl
acyl	H	NH <sub>2</sub>	Br	SH
acyl	H	NH <sub>2</sub>	Br	SMe
acyl	H	NH <sub>2</sub>	Br	SEt
acyl	H	NH <sub>2</sub>	Br	S-cyclopropyl



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	NH <sub>2</sub>	Br	F
acyl	H	NH <sub>2</sub>	Br	Cl
acyl	H	NH <sub>2</sub>	Br	Br
acyl	H	NH <sub>2</sub>	Br	I
acyl	acyl	NH <sub>2</sub>	Br	H
acyl	acyl	NH <sub>2</sub>	Br	NH <sub>2</sub>
acyl	acyl	NH <sub>2</sub>	Br	NH-cyclopropyl
acyl	acyl	NH <sub>2</sub>	Br	NH-methyl
acyl	acyl	NH <sub>2</sub>	Br	NH-ethyl
acyl	acyl	NH <sub>2</sub>	Br	NH-acetyl
acyl	acyl	NH <sub>2</sub>	Br	OH
acyl	acyl	NH <sub>2</sub>	Br	OMe
acyl	acyl	NH <sub>2</sub>	Br	OEt
acyl	acyl	NH <sub>2</sub>	Br	O-cyclopropyl
acyl	acyl	NH <sub>2</sub>	Br	O-acetyl
acyl	acyl	NH <sub>2</sub>	Br	SH
acyl	acyl	NH <sub>2</sub>	Br	SMe
acyl	acyl	NH <sub>2</sub>	Br	SEt
acyl	acyl	NH <sub>2</sub>	Br	S-cyclopropyl
acyl	acyl	NH <sub>2</sub>	Br	F
acyl	acyl	NH <sub>2</sub>	Br	Cl
acyl	acyl	NH <sub>2</sub>	Br	Br
acyl	acyl	NH <sub>2</sub>	Br	I
acyl	amino acid	NH <sub>2</sub>	Br	H
acyl	amino acid	NH <sub>2</sub>	Br	NH <sub>2</sub>
acyl	amino acid	NH <sub>2</sub>	Br	NH-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	Br	NH-methyl
acyl	amino acid	NH <sub>2</sub>	Br	NH-ethyl
acyl	amino acid	NH <sub>2</sub>	Br	NH-acetyl
acyl	amino acid	NH <sub>2</sub>	Br	OH
acyl	amino acid	NH <sub>2</sub>	Br	OMe
acyl	amino acid	NH <sub>2</sub>	Br	OEt
acyl	amino acid	NH <sub>2</sub>	Br	O-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	Br	O-acetyl
acyl	amino acid	NH <sub>2</sub>	Br	SH
acyl	amino acid	NH <sub>2</sub>	Br	SMe
acyl	amino acid	NH <sub>2</sub>	Br	SEt
acyl	amino acid	NH <sub>2</sub>	Br	S-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	Br	F
acyl	amino acid	NH <sub>2</sub>	Br	Cl
acyl	amino acid	NH <sub>2</sub>	Br	Br
acyl	amino acid	NH <sub>2</sub>	Br	I
H	acyl	NH <sub>2</sub>	Br	H
H	acyl	NH <sub>2</sub>	Br	NH <sub>2</sub>
H	acyl	NH <sub>2</sub>	Br	NH-cyclopropyl
H	acyl	NH <sub>2</sub>	Br	NH-methyl
H	acyl	NH <sub>2</sub>	Br	NH-ethyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	NH <sub>2</sub>	Br	NH-acetyl
H	acyl	NH <sub>2</sub>	Br	OH
H	acyl	NH <sub>2</sub>	Br	OMe
H	acyl	NH <sub>2</sub>	Br	OEt
H	acyl	NH <sub>2</sub>	Br	O-cyclopropyl
H	acyl	NH <sub>2</sub>	Br	O-acetyl
H	acyl	NH <sub>2</sub>	Br	SH
H	acyl	NH <sub>2</sub>	Br	SMe
H	acyl	NH <sub>2</sub>	Br	SEt
H	acyl	NH <sub>2</sub>	Br	S-cyclopropyl
H	acyl	NH <sub>2</sub>	Br	F
H	acyl	NH <sub>2</sub>	Br	Cl
H	acyl	NH <sub>2</sub>	Br	Br
H	acyl	NH <sub>2</sub>	Br	I
H	amino acid	NH <sub>2</sub>	Br	H
H	amino acid	NH <sub>2</sub>	Br	NH <sub>2</sub>
H	amino acid	NH <sub>2</sub>	Br	NH-cyclopropyl
H	amino acid	NH <sub>2</sub>	Br	NH-methyl
H	amino acid	NH <sub>2</sub>	Br	NH-ethyl
H	amino acid	NH <sub>2</sub>	Br	NH-acetyl
H	amino acid	NH <sub>2</sub>	Br	OH
H	amino acid	NH <sub>2</sub>	Br	OMe
H	amino acid	NH <sub>2</sub>	Br	OEt
H	amino acid	NH <sub>2</sub>	Br	O-cyclopropyl
H	amino acid	NH <sub>2</sub>	Br	O-acetyl
H	amino acid	NH <sub>2</sub>	Br	SH
H	amino acid	NH <sub>2</sub>	Br	SMe
H	amino acid	NH <sub>2</sub>	Br	SEt
H	amino acid	NH <sub>2</sub>	Br	S-cyclopropyl
H	amino acid	NH <sub>2</sub>	Br	F
H	amino acid	NH <sub>2</sub>	Br	Cl
H	amino acid	NH <sub>2</sub>	Br	Br
H	amino acid	NH <sub>2</sub>	Br	I
amino acid	amino acid	NH <sub>2</sub>	Br	H
amino acid	amino acid	NH <sub>2</sub>	Br	NH <sub>2</sub>
amino acid	amino acid	NH <sub>2</sub>	Br	NH-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	Br	NH-methyl
amino acid	amino acid	NH <sub>2</sub>	Br	NH-ethyl
amino acid	amino acid	NH <sub>2</sub>	Br	NH-acetyl
amino acid	amino acid	NH <sub>2</sub>	Br	OH
amino acid	amino acid	NH <sub>2</sub>	Br	OMe
amino acid	amino acid	NH <sub>2</sub>	Br	OEt
amino acid	amino acid	NH <sub>2</sub>	Br	O-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	Br	O-acetyl
amino acid	amino acid	NH <sub>2</sub>	Br	SH
amino acid	amino acid	NH <sub>2</sub>	Br	SMe
amino acid	amino acid	NH <sub>2</sub>	Br	SEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	NH <sub>2</sub>	Br	S-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	Br	F
amino acid	amino acid	NH <sub>2</sub>	Br	Cl
amino acid	amino acid	NH <sub>2</sub>	Br	Br
amino acid	amino acid	NH <sub>2</sub>	Br	I
amino acid	H	NH <sub>2</sub>	Br	H
amino acid	H	NH <sub>2</sub>	Br	NH <sub>2</sub>
amino acid	H	NH <sub>2</sub>	Br	NH-cyclopropyl
amino acid	H	NH <sub>2</sub>	Br	NH-methyl
amino acid	H	NH <sub>2</sub>	Br	NH-ethyl
amino acid	H	NH <sub>2</sub>	Br	NH-acetyl
amino acid	H	NH <sub>2</sub>	Br	OH
amino acid	H	NH <sub>2</sub>	Br	OMe
amino acid	H	NH <sub>2</sub>	Br	OEt
amino acid	H	NH <sub>2</sub>	Br	O-cyclopropyl
amino acid	H	NH <sub>2</sub>	Br	O-acetyl
amino acid	H	NH <sub>2</sub>	Br	SH
amino acid	H	NH <sub>2</sub>	Br	SMe
amino acid	H	NH <sub>2</sub>	Br	SEt
amino acid	H	NH <sub>2</sub>	Br	S-cyclopropyl
amino acid	H	NH <sub>2</sub>	Br	F
amino acid	H	NH <sub>2</sub>	Br	Cl
amino acid	H	NH <sub>2</sub>	Br	Br
amino acid	H	NH <sub>2</sub>	Br	I
amino acid	acyl	NH <sub>2</sub>	Br	H
amino acid	acyl	NH <sub>2</sub>	Br	NH <sub>2</sub>
amino acid	acyl	NH <sub>2</sub>	Br	NH-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	Br	NH-methyl
amino acid	acyl	NH <sub>2</sub>	Br	NH-ethyl
amino acid	acyl	NH <sub>2</sub>	Br	NH-acetyl
amino acid	acyl	NH <sub>2</sub>	Br	OH
amino acid	acyl	NH <sub>2</sub>	Br	OMe
amino acid	acyl	NH <sub>2</sub>	Br	OEt
amino acid	acyl	NH <sub>2</sub>	Br	O-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	Br	O-acetyl
amino acid	acyl	NH <sub>2</sub>	Br	SH
amino acid	acyl	NH <sub>2</sub>	Br	SMe
amino acid	acyl	NH <sub>2</sub>	Br	SEt
amino acid	acyl	NH <sub>2</sub>	Br	S-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	Br	F
amino acid	acyl	NH <sub>2</sub>	Br	Cl
amino acid	acyl	NH <sub>2</sub>	Br	Br
amino acid	acyl	NH <sub>2</sub>	Br	I
acyl	H	NH <sub>2</sub>	Cl	H
acyl	H	NH <sub>2</sub>	Cl	NH <sub>2</sub>
acyl	H	NH <sub>2</sub>	Cl	NH-cyclopropyl
acyl	H	NH <sub>2</sub>	Cl	NH-methyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	NH <sub>2</sub>	Cl	NH-ethyl
acyl	H	NH <sub>2</sub>	Cl	NH-acetyl
acyl	H	NH <sub>2</sub>	Cl	OH
acyl	H	NH <sub>2</sub>	Cl	OMe
acyl	H	NH <sub>2</sub>	Cl	OEt
acyl	H	NH <sub>2</sub>	Cl	O-cyclopropyl
acyl	H	NH <sub>2</sub>	Cl	O-acetyl
acyl	H	NH <sub>2</sub>	Cl	SH
acyl	H	NH <sub>2</sub>	Cl	SMe
acyl	H	NH <sub>2</sub>	Cl	SEt
acyl	H	NH <sub>2</sub>	Cl	S-cyclopropyl
acyl	H	NH <sub>2</sub>	Cl	F
acyl	H	NH <sub>2</sub>	Cl	Cl
acyl	H	NH <sub>2</sub>	Cl	Br
acyl	H	NH <sub>2</sub>	Cl	I
acyl	acyl	NH <sub>2</sub>	Cl	H
acyl	acyl	NH <sub>2</sub>	Cl	NH <sub>2</sub>
acyl	acyl	NH <sub>2</sub>	Cl	NH-cyclopropyl
acyl	acyl	NH <sub>2</sub>	Cl	NH-methyl
acyl	acyl	NH <sub>2</sub>	Cl	NH-ethyl
acyl	acyl	NH <sub>2</sub>	Cl	NH-acetyl
acyl	acyl	NH <sub>2</sub>	Cl	OH
acyl	acyl	NH <sub>2</sub>	Cl	OMe
acyl	acyl	NH <sub>2</sub>	Cl	OEt
acyl	acyl	NH <sub>2</sub>	Cl	O-cyclopropyl
acyl	acyl	NH <sub>2</sub>	Cl	O-acetyl
acyl	acyl	NH <sub>2</sub>	Cl	SH
acyl	acyl	NH <sub>2</sub>	Cl	SMe
acyl	acyl	NH <sub>2</sub>	Cl	SEt
acyl	acyl	NH <sub>2</sub>	Cl	S-cyclopropyl
acyl	acyl	NH <sub>2</sub>	Cl	F
acyl	acyl	NH <sub>2</sub>	Cl	Cl
acyl	acyl	NH <sub>2</sub>	Cl	Br
acyl	acyl	NH <sub>2</sub>	Cl	I
acyl	amino acid	NH <sub>2</sub>	Cl	H
acyl	amino acid	NH <sub>2</sub>	Cl	NH <sub>2</sub>
acyl	amino acid	NH <sub>2</sub>	Cl	NH-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	Cl	NH-methyl
acyl	amino acid	NH <sub>2</sub>	Cl	NH-ethyl
acyl	amino acid	NH <sub>2</sub>	Cl	NH-acetyl
acyl	amino acid	NH <sub>2</sub>	Cl	OH
acyl	amino acid	NH <sub>2</sub>	Cl	OMe
acyl	amino acid	NH <sub>2</sub>	Cl	OEt
acyl	amino acid	NH <sub>2</sub>	Cl	O-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	Cl	O-acetyl
acyl	amino acid	NH <sub>2</sub>	Cl	SH
acyl	amino acid	NH <sub>2</sub>	Cl	SMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	NH <sub>2</sub>	Cl	SEt
acyl	amino acid	NH <sub>2</sub>	Cl	S-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	Cl	F
acyl	amino acid	NH <sub>2</sub>	Cl	Cl
acyl	amino acid	NH <sub>2</sub>	Cl	Br
acyl	amino acid	NH <sub>2</sub>	Cl	I
H	acyl	NH <sub>2</sub>	Cl	H
H	acyl	NH <sub>2</sub>	Cl	NH <sub>2</sub>
H	acyl	NH <sub>2</sub>	Cl	NH-cyclopropyl
H	acyl	NH <sub>2</sub>	Cl	NH-methyl
H	acyl	NH <sub>2</sub>	Cl	NH-ethyl
H	acyl	NH <sub>2</sub>	Cl	NH-acetyl
H	acyl	NH <sub>2</sub>	Cl	OH
H	acyl	NH <sub>2</sub>	Cl	OMe
H	acyl	NH <sub>2</sub>	Cl	OEt
H	acyl	NH <sub>2</sub>	Cl	O-cyclopropyl
H	acyl	NH <sub>2</sub>	Cl	O-acetyl
H	acyl	NH <sub>2</sub>	Cl	SH
H	acyl	NH <sub>2</sub>	Cl	SMe
H	acyl	NH <sub>2</sub>	Cl	SEt
H	acyl	NH <sub>2</sub>	Cl	S-cyclopropyl
H	acyl	NH <sub>2</sub>	Cl	F
H	acyl	NH <sub>2</sub>	Cl	Cl
H	acyl	NH <sub>2</sub>	Cl	Br
H	acyl	NH <sub>2</sub>	Cl	I
H	amino acid	NH <sub>2</sub>	Cl	H
H	amino acid	NH <sub>2</sub>	Cl	NH <sub>2</sub>
H	amino acid	NH <sub>2</sub>	Cl	NH-cyclopropyl
H	amino acid	NH <sub>2</sub>	Cl	NH-methyl
H	amino acid	NH <sub>2</sub>	Cl	NH-ethyl
H	amino acid	NH <sub>2</sub>	Cl	NH-acetyl
H	amino acid	NH <sub>2</sub>	Cl	OH
H	amino acid	NH <sub>2</sub>	Cl	OMe
H	amino acid	NH <sub>2</sub>	Cl	OEt
H	amino acid	NH <sub>2</sub>	Cl	O-cyclopropyl
H	amino acid	NH <sub>2</sub>	Cl	O-acetyl
H	amino acid	NH <sub>2</sub>	Cl	SH
H	amino acid	NH <sub>2</sub>	Cl	SMe
H	amino acid	NH <sub>2</sub>	Cl	SEt
H	amino acid	NH <sub>2</sub>	Cl	S-cyclopropyl
H	amino acid	NH <sub>2</sub>	Cl	F
H	amino acid	NH <sub>2</sub>	Cl	Cl
H	amino acid	NH <sub>2</sub>	Cl	Br
H	amino acid	NH <sub>2</sub>	Cl	I
amino acid	amino acid	NH <sub>2</sub>	Cl	H
amino acid	amino acid	NH <sub>2</sub>	Cl	NH <sub>2</sub>
amino acid	amino acid	NH <sub>2</sub>	Cl	NH-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	NH <sub>2</sub>	Cl	NH-methyl
amino acid	amino acid	NH <sub>2</sub>	Cl	NH-ethyl
amino acid	amino acid	NH <sub>2</sub>	Cl	NH-acetyl
amino acid	amino acid	NH <sub>2</sub>	Cl	OH
amino acid	amino acid	NH <sub>2</sub>	Cl	OMe
amino acid	amino acid	NH <sub>2</sub>	Cl	OEt
amino acid	amino acid	NH <sub>2</sub>	Cl	O-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	Cl	O-acetyl
amino acid	amino acid	NH <sub>2</sub>	Cl	SH
amino acid	amino acid	NH <sub>2</sub>	Cl	SMe
amino acid	amino acid	NH <sub>2</sub>	Cl	SEt
amino acid	amino acid	NH <sub>2</sub>	Cl	S-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	Cl	F
amino acid	amino acid	NH <sub>2</sub>	Cl	Cl
amino acid	amino acid	NH <sub>2</sub>	Cl	Br
amino acid	amino acid	NH <sub>2</sub>	Cl	I
amino acid	H	NH <sub>2</sub>	Cl	H
amino acid	H	NH <sub>2</sub>	Cl	NH <sub>2</sub>
amino acid	H	NH <sub>2</sub>	Cl	NH-cyclopropyl
amino acid	H	NH <sub>2</sub>	Cl	NH-methyl
amino acid	H	NH <sub>2</sub>	Cl	NH-ethyl
amino acid	H	NH <sub>2</sub>	Cl	NH-acetyl
amino acid	H	NH <sub>2</sub>	Cl	OH
amino acid	H	NH <sub>2</sub>	Cl	OMe
amino acid	H	NH <sub>2</sub>	Cl	OEt
amino acid	H	NH <sub>2</sub>	Cl	O-cyclopropyl
amino acid	H	NH <sub>2</sub>	Cl	O-acetyl
amino acid	H	NH <sub>2</sub>	Cl	SH
amino acid	H	NH <sub>2</sub>	Cl	SMe
amino acid	H	NH <sub>2</sub>	Cl	SEt
amino acid	H	NH <sub>2</sub>	Cl	S-cyclopropyl
amino acid	H	NH <sub>2</sub>	Cl	F
amino acid	H	NH <sub>2</sub>	Cl	Cl
amino acid	H	NH <sub>2</sub>	Cl	Br
amino acid	H	NH <sub>2</sub>	Cl	I
amino acid	acyl	NH <sub>2</sub>	Cl	H
amino acid	acyl	NH <sub>2</sub>	Cl	NH <sub>2</sub>
amino acid	acyl	NH <sub>2</sub>	Cl	NH-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	Cl	NH-methyl
amino acid	acyl	NH <sub>2</sub>	Cl	NH-ethyl
amino acid	acyl	NH <sub>2</sub>	Cl	NH-acetyl
amino acid	acyl	NH <sub>2</sub>	Cl	OH
amino acid	acyl	NH <sub>2</sub>	Cl	OMe
amino acid	acyl	NH <sub>2</sub>	Cl	OEt
amino acid	acyl	NH <sub>2</sub>	Cl	O-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	Cl	O-acetyl
amino acid	acyl	NH <sub>2</sub>	Cl	SH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	NH <sub>2</sub>	Cl	SMe
amino acid	acyl	NH <sub>2</sub>	Cl	SEt
amino acid	acyl	NH <sub>2</sub>	Cl	S-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	Cl	F
amino acid	acyl	NH <sub>2</sub>	Cl	Cl
amino acid	acyl	NH <sub>2</sub>	Cl	Br
amino acid	acyl	NH <sub>2</sub>	Cl	I
acyl	H	NH <sub>2</sub>	SH	H
acyl	H	NH <sub>2</sub>	SH	NH <sub>2</sub>
acyl	H	NH <sub>2</sub>	SH	NH-cyclopropyl
acyl	H	NH <sub>2</sub>	SH	NH-methyl
acyl	H	NH <sub>2</sub>	SH	NH-ethyl
acyl	H	NH <sub>2</sub>	SH	NH-acetyl
acyl	H	NH <sub>2</sub>	SH	OH
acyl	H	NH <sub>2</sub>	SH	OMe
acyl	H	NH <sub>2</sub>	SH	OEt
acyl	H	NH <sub>2</sub>	SH	O-cyclopropyl
acyl	H	NH <sub>2</sub>	SH	O-acetyl
acyl	H	NH <sub>2</sub>	SH	SH
acyl	H	NH <sub>2</sub>	SH	SMe
acyl	H	NH <sub>2</sub>	SH	SEt
acyl	H	NH <sub>2</sub>	SH	S-cyclopropyl
acyl	H	NH <sub>2</sub>	SH	F
acyl	H	NH <sub>2</sub>	SH	Cl
acyl	H	NH <sub>2</sub>	SH	Br
acyl	H	NH <sub>2</sub>	SH	I
acyl	acyl	NH <sub>2</sub>	SH	H
acyl	acyl	NH <sub>2</sub>	SH	NH <sub>2</sub>
acyl	acyl	NH <sub>2</sub>	SH	NH-cyclopropyl
acyl	acyl	NH <sub>2</sub>	SH	NH-methyl
acyl	acyl	NH <sub>2</sub>	SH	NH-ethyl
acyl	acyl	NH <sub>2</sub>	SH	NH-acetyl
acyl	acyl	NH <sub>2</sub>	SH	OH
acyl	acyl	NH <sub>2</sub>	SH	OMe
acyl	acyl	NH <sub>2</sub>	SH	OEt
acyl	acyl	NH <sub>2</sub>	SH	O-cyclopropyl
acyl	acyl	NH <sub>2</sub>	SH	O-acetyl
acyl	acyl	NH <sub>2</sub>	SH	SH
acyl	acyl	NH <sub>2</sub>	SH	SMe
acyl	acyl	NH <sub>2</sub>	SH	SEt
acyl	acyl	NH <sub>2</sub>	SH	S-cyclopropyl
acyl	acyl	NH <sub>2</sub>	SH	F
acyl	acyl	NH <sub>2</sub>	SH	Cl
acyl	acyl	NH <sub>2</sub>	SH	Br
acyl	acyl	NH <sub>2</sub>	SH	I
acyl	amino acid	NH <sub>2</sub>	SH	H
acyl	amino acid	NH <sub>2</sub>	SH	NH <sub>2</sub>

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	NH <sub>2</sub>	SH	NH-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	SH	NH-methyl
acyl	amino acid	NH <sub>2</sub>	SH	NH-ethyl
acyl	amino acid	NH <sub>2</sub>	SH	NH-acetyl
acyl	amino acid	NH <sub>2</sub>	SH	OH
acyl	amino acid	NH <sub>2</sub>	SH	OMe
acyl	amino acid	NH <sub>2</sub>	SH	OEt
acyl	amino acid	NH <sub>2</sub>	SH	O-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	SH	O-acetyl
acyl	amino acid	NH <sub>2</sub>	SH	SH
acyl	amino acid	NH <sub>2</sub>	SH	SMe
acyl	amino acid	NH <sub>2</sub>	SH	SEt
acyl	amino acid	NH <sub>2</sub>	SH	S-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	SH	F
acyl	amino acid	NH <sub>2</sub>	SH	Cl
acyl	amino acid	NH <sub>2</sub>	SH	Br
acyl	amino acid	NH <sub>2</sub>	SH	I
H	acyl	NH <sub>2</sub>	SH	H
H	acyl	NH <sub>2</sub>	SH	NH <sub>2</sub>
H	acyl	NH <sub>2</sub>	SH	NH-cyclopropyl
H	acyl	NH <sub>2</sub>	SH	NH-methyl
H	acyl	NH <sub>2</sub>	SH	NH-ethyl
H	acyl	NH <sub>2</sub>	SH	NH-acetyl
H	acyl	NH <sub>2</sub>	SH	OH
H	acyl	NH <sub>2</sub>	SH	OMe
H	acyl	NH <sub>2</sub>	SH	OEt
H	acyl	NH <sub>2</sub>	SH	O-cyclopropyl
H	acyl	NH <sub>2</sub>	SH	O-acetyl
H	acyl	NH <sub>2</sub>	SH	SH
H	acyl	NH <sub>2</sub>	SH	SMe
H	acyl	NH <sub>2</sub>	SH	SEt
H	acyl	NH <sub>2</sub>	SH	S-cyclopropyl
H	acyl	NH <sub>2</sub>	SH	F
H	acyl	NH <sub>2</sub>	SH	Cl
H	acyl	NH <sub>2</sub>	SH	Br
H	acyl	NH <sub>2</sub>	SH	I
H	amino acid	NH <sub>2</sub>	SH	H
H	amino acid	NH <sub>2</sub>	SH	NH <sub>2</sub>
H	amino acid	NH <sub>2</sub>	SH	NH-cyclopropyl
H	amino acid	NH <sub>2</sub>	SH	NH-methyl
H	amino acid	NH <sub>2</sub>	SH	NH-ethyl
H	amino acid	NH <sub>2</sub>	SH	NH-acetyl
H	amino acid	NH <sub>2</sub>	SH	OH
H	amino acid	NH <sub>2</sub>	SH	OMe
H	amino acid	NH <sub>2</sub>	SH	OEt
H	amino acid	NH <sub>2</sub>	SH	O-cyclopropyl
H	amino acid	NH <sub>2</sub>	SH	O-acetyl



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	NH <sub>2</sub>	SH	SH
H	amino acid	NH <sub>2</sub>	SH	SMe
H	amino acid	NH <sub>2</sub>	SH	SEt
H	amino acid	NH <sub>2</sub>	SH	S-cyclopropyl
H	amino acid	NH <sub>2</sub>	SH	F
H	amino acid	NH <sub>2</sub>	SH	Cl
H	amino acid	NH <sub>2</sub>	SH	Br
H	amino acid	NH <sub>2</sub>	SH	I
amino acid	amino acid	NH <sub>2</sub>	SH	H
amino acid	amino acid	NH <sub>2</sub>	SH	NH <sub>2</sub>
amino acid	amino acid	NH <sub>2</sub>	SH	NH-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	SH	NH-methyl
amino acid	amino acid	NH <sub>2</sub>	SH	NH-ethyl
amino acid	amino acid	NH <sub>2</sub>	SH	NH-acetyl
amino acid	amino acid	NH <sub>2</sub>	SH	OH
amino acid	amino acid	NH <sub>2</sub>	SH	OMe
amino acid	amino acid	NH <sub>2</sub>	SH	OEt
amino acid	amino acid	NH <sub>2</sub>	SH	O-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	SH	O-acetyl
amino acid	amino acid	NH <sub>2</sub>	SH	SH
amino acid	amino acid	NH <sub>2</sub>	SH	SMe
amino acid	amino acid	NH <sub>2</sub>	SH	SEt
amino acid	amino acid	NH <sub>2</sub>	SH	S-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	SH	F
amino acid	amino acid	NH <sub>2</sub>	SH	Cl
amino acid	amino acid	NH <sub>2</sub>	SH	Br
amino acid	amino acid	NH <sub>2</sub>	SH	I
amino acid	H	NH <sub>2</sub>	SH	H
amino acid	H	NH <sub>2</sub>	SH	NH <sub>2</sub>
amino acid	H	NH <sub>2</sub>	SH	NH-cyclopropyl
amino acid	H	NH <sub>2</sub>	SH	NH-methyl
amino acid	H	NH <sub>2</sub>	SH	NH-ethyl
amino acid	H	NH <sub>2</sub>	SH	NH-acetyl
amino acid	H	NH <sub>2</sub>	SH	OH
amino acid	H	NH <sub>2</sub>	SH	OMe
amino acid	H	NH <sub>2</sub>	SH	OEt
amino acid	H	NH <sub>2</sub>	SH	O-cyclopropyl
amino acid	H	NH <sub>2</sub>	SH	O-acetyl
amino acid	H	NH <sub>2</sub>	SH	SH
amino acid	H	NH <sub>2</sub>	SH	SMe
amino acid	H	NH <sub>2</sub>	SH	SEt
amino acid	H	NH <sub>2</sub>	SH	S-cyclopropyl
amino acid	H	NH <sub>2</sub>	SH	F
amino acid	H	NH <sub>2</sub>	SH	Cl
amino acid	H	NH <sub>2</sub>	SH	Br
amino acid	H	NH <sub>2</sub>	SH	I
amino acid	acyl	NH <sub>2</sub>	SH	H

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	NH <sub>2</sub>	SH	NH <sub>2</sub>
amino acid	acyl	NH <sub>2</sub>	SH	NH-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	SH	NH-methyl
amino acid	acyl	NH <sub>2</sub>	SH	NH-ethyl
amino acid	acyl	NH <sub>2</sub>	SH	NH-acetyl
amino acid	acyl	NH <sub>2</sub>	SH	OH
amino acid	acyl	NH <sub>2</sub>	SH	OMe
amino acid	acyl	NH <sub>2</sub>	SH	OEt
amino acid	acyl	NH <sub>2</sub>	SH	O-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	SH	O-acetyl
amino acid	acyl	NH <sub>2</sub>	SH	SH
amino acid	acyl	NH <sub>2</sub>	SH	SMe
amino acid	acyl	NH <sub>2</sub>	SH	SEt
amino acid	acyl	NH <sub>2</sub>	SH	S-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	SH	F
amino acid	acyl	NH <sub>2</sub>	SH	Cl
amino acid	acyl	NH <sub>2</sub>	SH	Br
amino acid	acyl	NH <sub>2</sub>	SH	I
acyl	H	F	SH	H
acyl	H	F	SH	NH <sub>2</sub>
acyl	H	F	SH	NH-cyclopropyl
acyl	H	F	SH	NH-methyl
acyl	H	F	SH	NH-ethyl
acyl	H	F	SH	NH-acetyl
acyl	H	F	SH	OH
acyl	H	F	SH	OMe
acyl	H	F	SH	OEt
acyl	H	F	SH	O-cyclopropyl
acyl	H	F	SH	O-acetyl
acyl	H	F	SH	SH
acyl	H	F	SH	SMe
acyl	H	F	SH	SEt
acyl	H	F	SH	S-cyclopropyl
acyl	H	F	SH	F
acyl	H	F	SH	Cl
acyl	H	F	SH	Br
acyl	H	F	SH	I
acyl	acyl	F	SH	H
acyl	acyl	F	SH	NH <sub>2</sub>
acyl	acyl	F	SH	NH-cyclopropyl
acyl	acyl	F	SH	NH-methyl
acyl	acyl	F	SH	NH-ethyl
acyl	acyl	F	SH	NH-acetyl
acyl	acyl	F	SH	OH
acyl	acyl	F	SH	OMe
acyl	acyl	F	SH	OEt
acyl	acyl	F	SH	O-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	F	SH	O-acetyl
acyl	acyl	F	SH	SH
acyl	acyl	F	SH	SMe
acyl	acyl	F	SH	SEt
acyl	acyl	F	SH	S-cyclopropyl
acyl	acyl	F	SH	F
acyl	acyl	F	SH	Cl
acyl	acyl	F	SH	Br
acyl	acyl	F	SH	I
acyl	amino acid	F	SH	H
acyl	amino acid	F	SH	NH <sub>2</sub>
acyl	amino acid	F	SH	NH-cyclopropyl
acyl	amino acid	F	SH	NH-methyl
acyl	amino acid	F	SH	NH-ethyl
acyl	amino acid	F	SH	NH-acetyl
acyl	amino acid	F	SH	OH
acyl	amino acid	F	SH	OMe
acyl	amino acid	F	SH	OEt
acyl	amino acid	F	SH	O-cyclopropyl
acyl	amino acid	F	SH	O-acetyl
acyl	amino acid	F	SH	SH
acyl	amino acid	F	SH	SMe
acyl	amino acid	F	SH	SEt
acyl	amino acid	F	SH	S-cyclopropyl
acyl	amino acid	F	SH	F
acyl	amino acid	F	SH	Cl
acyl	amino acid	F	SH	Br
acyl	amino acid	F	SH	I
H	acyl	F	SH	H
H	acyl	F	SH	NH <sub>2</sub>
H	acyl	F	SH	NH-cyclopropyl
H	acyl	F	SH	NH-methyl
H	acyl	F	SH	NH-ethyl
H	acyl	F	SH	NH-acetyl
H	acyl	F	SH	OH
H	acyl	F	SH	OMe
H	acyl	F	SH	OEt
H	acyl	F	SH	O-cyclopropyl
H	acyl	F	SH	O-acetyl
H	acyl	F	SH	SH
H	acyl	F	SH	SMe
H	acyl	F	SH	SEt
H	acyl	F	SH	S-cyclopropyl
H	acyl	F	SH	F
H	acyl	F	SH	Cl
H	acyl	F	SH	Br
H	acyl	F	SH	I

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	F	SH	H
H	amino acid	F	SH	NH <sub>2</sub>
H	amino acid	F	SH	NH-cyclopropyl
H	amino acid	F	SH	NH-methyl
H	amino acid	F	SH	NH-ethyl
H	amino acid	F	SH	NH-acetyl
H	amino acid	F	SH	OH
H	amino acid	F	SH	OMe
H	amino acid	F	SH	OEt
H	amino acid	F	SH	O-cyclopropyl
H	amino acid	F	SH	O-acetyl
H	amino acid	F	SH	SH
H	amino acid	F	SH	SMe
H	amino acid	F	SH	SEt
H	amino acid	F	SH	S-cyclopropyl
H	amino acid	F	SH	F
H	amino acid	F	SH	Cl
H	amino acid	F	SH	Br
H	amino acid	F	SH	I
amino acid	amino acid	F	SH	H
amino acid	amino acid	F	SH	NH <sub>2</sub>
amino acid	amino acid	F	SH	NH-cyclopropyl
amino acid	amino acid	F	SH	NH-methyl
amino acid	amino acid	F	SH	NH-ethyl
amino acid	amino acid	F	SH	NH-acetyl
amino acid	amino acid	F	SH	OH
amino acid	amino acid	F	SH	OMe
amino acid	amino acid	F	SH	OEt
amino acid	amino acid	F	SH	O-cyclopropyl
amino acid	amino acid	F	SH	O-acetyl
amino acid	amino acid	F	SH	SH
amino acid	amino acid	F	SH	SMe
amino acid	amino acid	F	SH	SEt
amino acid	amino acid	F	SH	S-cyclopropyl
amino acid	amino acid	F	SH	F
amino acid	amino acid	F	SH	Cl
amino acid	amino acid	F	SH	Br
amino acid	amino acid	F	SH	I
amino acid	H	F	SH	H
amino acid	H	F	SH	NH <sub>2</sub>
amino acid	H	F	SH	NH-cyclopropyl
amino acid	H	F	SH	NH-methyl
amino acid	H	F	SH	NH-ethyl
amino acid	H	F	SH	NH-acetyl
amino acid	H	F	SH	OH
amino acid	H	F	SH	OMe
amino acid	H	F	SH	OEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	F	SH	O-cyclopropyl
amino acid	H	F	SH	O-acetyl
amino acid	H	F	SH	SH
amino acid	H	F	SH	SMe
amino acid	H	F	SH	SEt
amino acid	H	F	SH	S-cyclopropyl
amino acid	H	F	SH	F
amino acid	H	F	SH	Cl
amino acid	H	F	SH	Br
amino acid	H	F	SH	I
amino acid	acyl	F	SH	H
amino acid	acyl	F	SH	NH <sub>2</sub>
amino acid	acyl	F	SH	NH-cyclopropyl
amino acid	acyl	F	SH	NH-methyl
amino acid	acyl	F	SH	NH-ethyl
amino acid	acyl	F	SH	NH-acetyl
amino acid	acyl	F	SH	OH
amino acid	acyl	F	SH	OMe
amino acid	acyl	F	SH	OEt
amino acid	acyl	F	SH	O-cyclopropyl
amino acid	acyl	F	SH	O-acetyl
amino acid	acyl	F	SH	SH
amino acid	acyl	F	SH	SMe
amino acid	acyl	F	SH	SEt
amino acid	acyl	F	SH	S-cyclopropyl
amino acid	acyl	F	SH	F
amino acid	acyl	F	SH	Cl
amino acid	acyl	F	SH	Br
amino acid	acyl	F	SH	I
acyl	H	F	Br	H
acyl	H	F	Br	NH <sub>2</sub>
acyl	H	F	Br	NH-cyclopropyl
acyl	H	F	Br	NH-methyl
acyl	H	F	Br	NH-ethyl
acyl	H	F	Br	NH-acetyl
acyl	H	F	Br	OH
acyl	H	F	Br	OMe
acyl	H	F	Br	OEt
acyl	H	F	Br	O-cyclopropyl
acyl	H	F	Br	O-acetyl
acyl	H	F	Br	SH
acyl	H	F	Br	SMe
acyl	H	F	Br	SEt
acyl	H	F	Br	S-cyclopropyl
acyl	H	F	Br	F
acyl	H	F	Br	Cl
acyl	H	F	Br	Br

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	F	Br	I
acyl	acyl	F	Br	H
acyl	acyl	F	Br	NH <sub>2</sub>
acyl	acyl	F	Br	NH-cyclopropyl
acyl	acyl	F	Br	NH-methyl
acyl	acyl	F	Br	NH-ethyl
acyl	acyl	F	Br	NH-acetyl
acyl	acyl	F	Br	OH
acyl	acyl	F	Br	OMe
acyl	acyl	F	Br	OEt
acyl	acyl	F	Br	O-cyclopropyl
acyl	acyl	F	Br	O-acetyl
acyl	acyl	F	Br	SH
acyl	acyl	F	Br	SMe
acyl	acyl	F	Br	SEt
acyl	acyl	F	Br	S-cyclopropyl
acyl	acyl	F	Br	F
acyl	acyl	F	Br	Cl
acyl	acyl	F	Br	Br
acyl	acyl	F	Br	I
acyl	amino acid	F	Br	H
acyl	amino acid	F	Br	NH <sub>2</sub>
acyl	amino acid	F	Br	NH-cyclopropyl
acyl	amino acid	F	Br	NH-methyl
acyl	amino acid	F	Br	NH-ethyl
acyl	amino acid	F	Br	NH-acetyl
acyl	amino acid	F	Br	OH
acyl	amino acid	F	Br	OMe
acyl	amino acid	F	Br	OEt
acyl	amino acid	F	Br	O-cyclopropyl
acyl	amino acid	F	Br	O-acetyl
acyl	amino acid	F	Br	SH
acyl	amino acid	F	Br	SMe
acyl	amino acid	F	Br	SEt
acyl	amino acid	F	Br	S-cyclopropyl
acyl	amino acid	F	Br	F
acyl	amino acid	F	Br	Cl
acyl	amino acid	F	Br	Br
acyl	amino acid	F	Br	I
H	acyl	F	Br	H
H	acyl	F	Br	NH <sub>2</sub>
H	acyl	F	Br	NH-cyclopropyl
H	acyl	F	Br	NH-methyl
H	acyl	F	Br	NH-ethyl
H	acyl	F	Br	NH-acetyl
H	acyl	F	Br	OH
H	acyl	F	Br	OMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	F	Br	OEt
H	acyl	F	Br	O-cyclopropyl
H	acyl	F	Br	O-acetyl
H	acyl	F	Br	SH
H	acyl	F	Br	SMe
H	acyl	F	Br	SEt
H	acyl	F	Br	S-cyclopropyl
H	acyl	F	Br	F
H	acyl	F	Br	Cl
H	acyl	F	Br	Br
H	acyl	F	Br	I
H	amino acid	F	Br	H
H	amino acid	F	Br	NH <sub>2</sub>
H	amino acid	F	Br	NH-cyclopropyl
H	amino acid	F	Br	NH-methyl
H	amino acid	F	Br	NH-ethyl
H	amino acid	F	Br	NH-acetyl
H	amino acid	F	Br	OH
H	amino acid	F	Br	OMe
H	amino acid	F	Br	OEt
H	amino acid	F	Br	O-cyclopropyl
H	amino acid	F	Br	O-acetyl
H	amino acid	F	Br	SH
H	amino acid	F	Br	SMe
H	amino acid	F	Br	SEt
H	amino acid	F	Br	S-cyclopropyl
H	amino acid	F	Br	F
H	amino acid	F	Br	Cl
H	amino acid	F	Br	Br
H	amino acid	F	Br	I
amino acid	amino acid	F	Br	H
amino acid	amino acid	F	Br	NH <sub>2</sub>
amino acid	amino acid	F	Br	NH-cyclopropyl
amino acid	amino acid	F	Br	NH-methyl
amino acid	amino acid	F	Br	NH-ethyl
amino acid	amino acid	F	Br	NH-acetyl
amino acid	amino acid	F	Br	OH
amino acid	amino acid	F	Br	OMe
amino acid	amino acid	F	Br	OEt
amino acid	amino acid	F	Br	O-cyclopropyl
amino acid	amino acid	F	Br	O-acetyl
amino acid	amino acid	F	Br	SH
amino acid	amino acid	F	Br	SMe
amino acid	amino acid	F	Br	SEt
amino acid	amino acid	F	Br	S-cyclopropyl
amino acid	amino acid	F	Br	F
amino acid	amino acid	F	Br	Cl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	F	Br	Br
amino acid	amino acid	F	Br	I
amino acid	H	F	Br	H
amino acid	H	F	Br	NH <sub>2</sub>
amino acid	H	F	Br	NH-cyclopropyl
amino acid	H	F	Br	NH-methyl
amino acid	H	F	Br	NH-ethyl
amino acid	H	F	Br	NH-acetyl
amino acid	H	F	Br	OH
amino acid	H	F	Br	OMe
amino acid	H	F	Br	OEt
amino acid	H	F	Br	O-cyclopropyl
amino acid	H	F	Br	O-acetyl
amino acid	H	F	Br	SH
amino acid	H	F	Br	SMe
amino acid	H	F	Br	SEt
amino acid	H	F	Br	S-cyclopropyl
amino acid	H	F	Br	F
amino acid	H	F	Br	Cl
amino acid	H	F	Br	Br
amino acid	H	F	Br	I
amino acid	acyl	F	Br	H
amino acid	acyl	F	Br	NH <sub>2</sub>
amino acid	acyl	F	Br	NH-cyclopropyl
amino acid	acyl	F	Br	NH-methyl
amino acid	acyl	F	Br	NH-ethyl
amino acid	acyl	F	Br	NH-acetyl
amino acid	acyl	F	Br	OH
amino acid	acyl	F	Br	OMe
amino acid	acyl	F	Br	OEt
amino acid	acyl	F	Br	O-cyclopropyl
amino acid	acyl	F	Br	O-acetyl
amino acid	acyl	F	Br	SH
amino acid	acyl	F	Br	SMe
amino acid	acyl	F	Br	SEt
amino acid	acyl	F	Br	S-cyclopropyl
amino acid	acyl	F	Br	F
amino acid	acyl	F	Br	Cl
amino acid	acyl	F	Br	Br
amino acid	acyl	F	Br	I
acyl	H	Br	F	H
acyl	H	Br	F	NH <sub>2</sub>
acyl	H	Br	F	NH-cyclopropyl
acyl	H	Br	F	NH-methyl
acyl	H	Br	F	NH-ethyl
acyl	H	Br	F	NH-acetyl
acyl	H	Br	F	OH



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	Br	F	OMe
acyl	H	Br	F	OEt
acyl	H	Br	F	O-cyclopropyl
acyl	H	Br	F	O-acetyl
acyl	H	Br	F	SH
acyl	H	Br	F	SMe
acyl	H	Br	F	SEt
acyl	H	Br	F	S-cyclopropyl
acyl	H	Br	F	F
acyl	H	Br	F	Cl
acyl	H	Br	F	Br
acyl	H	Br	F	I
acyl	acyl	Br	F	H
acyl	acyl	Br	F	NH <sub>2</sub>
acyl	acyl	Br	F	NH-cyclopropyl
acyl	acyl	Br	F	NH-methyl
acyl	acyl	Br	F	NH-ethyl
acyl	acyl	Br	F	NH-acetyl
acyl	acyl	Br	F	OH
acyl	acyl	Br	F	OMe
acyl	acyl	Br	F	OEt
acyl	acyl	Br	F	O-cyclopropyl
acyl	acyl	Br	F	O-acetyl
acyl	acyl	Br	F	SH
acyl	acyl	Br	F	SMe
acyl	acyl	Br	F	SEt
acyl	acyl	Br	F	S-cyclopropyl
acyl	acyl	Br	F	F
acyl	acyl	Br	F	Cl
acyl	acyl	Br	F	Br
acyl	acyl	Br	F	I
acyl	amino acid	Br	F	H
acyl	amino acid	Br	F	NH <sub>2</sub>
acyl	amino acid	Br	F	NH-cyclopropyl
acyl	amino acid	Br	F	NH-methyl
acyl	amino acid	Br	F	NH-ethyl
acyl	amino acid	Br	F	NH-acetyl
acyl	amino acid	Br	F	OH
acyl	amino acid	Br	F	OMe
acyl	amino acid	Br	F	OEt
acyl	amino acid	Br	F	O-cyclopropyl
acyl	amino acid	Br	F	O-acetyl
acyl	amino acid	Br	F	SH
acyl	amino acid	Br	F	SMe
acyl	amino acid	Br	F	SEt
acyl	amino acid	Br	F	S-cyclopropyl
acyl	amino acid	Br	F	F

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	Br	F	Cl
acyl	amino acid	Br	F	Br
acyl	amino acid	Br	F	I
H	acyl	Br	F	H
H	acyl	Br	F	NH <sub>2</sub>
H	acyl	Br	F	NH-cyclopropyl
H	acyl	Br	F	NH-methyl
H	acyl	Br	F	NH-ethyl
H	acyl	Br	F	NH-acetyl
H	acyl	Br	F	OH
H	acyl	Br	F	OMe
H	acyl	Br	F	OEt
H	acyl	Br	F	O-cyclopropyl
H	acyl	Br	F	O-acetyl
H	acyl	Br	F	SH
H	acyl	Br	F	SMe
H	acyl	Br	F	SEt
H	acyl	Br	F	S-cyclopropyl
H	acyl	Br	F	F
H	acyl	Br	F	Cl
H	acyl	Br	F	Br
H	acyl	Br	F	I
H	amino acid	Br	F	H
H	amino acid	Br	F	NH <sub>2</sub>
H	amino acid	Br	F	NH-cyclopropyl
H	amino acid	Br	F	NH-methyl
H	amino acid	Br	F	NH-ethyl
H	amino acid	Br	F	NH-acetyl
H	amino acid	Br	F	OH
H	amino acid	Br	F	OMe
H	amino acid	Br	F	OEt
H	amino acid	Br	F	O-cyclopropyl
H	amino acid	Br	F	O-acetyl
H	amino acid	Br	F	SH
H	amino acid	Br	F	SMe
H	amino acid	Br	F	SEt
H	amino acid	Br	F	S-cyclopropyl
H	amino acid	Br	F	F
H	amino acid	Br	F	Cl
H	amino acid	Br	F	Br
H	amino acid	Br	F	I
amino acid	amino acid	Br	F	H
amino acid	amino acid	Br	F	NH <sub>2</sub>
amino acid	amino acid	Br	F	NH-cyclopropyl
amino acid	amino acid	Br	F	NH-methyl
amino acid	amino acid	Br	F	NH-ethyl
amino acid	amino acid	Br	F	NH-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	Br	F	OH
amino acid	amino acid	Br	F	OMe
amino acid	amino acid	Br	F	OEt
amino acid	amino acid	Br	F	O-cyclopropyl
amino acid	amino acid	Br	F	O-acetyl
amino acid	amino acid	Br	F	SH
amino acid	amino acid	Br	F	SMe
amino acid	amino acid	Br	F	SEt
amino acid	amino acid	Br	F	S-cyclopropyl
amino acid	amino acid	Br	F	F
amino acid	amino acid	Br	F	Cl
amino acid	amino acid	Br	F	Br
amino acid	amino acid	Br	F	I
amino acid	H	Br	F	H
amino acid	H	Br	F	NH <sub>2</sub>
amino acid	H	Br	F	NH-cyclopropyl
amino acid	H	Br	F	NH-methyl
amino acid	H	Br	F	NH-ethyl
amino acid	H	Br	F	NH-acetyl
amino acid	H	Br	F	OH
amino acid	H	Br	F	OMe
amino acid	H	Br	F	OEt
amino acid	H	Br	F	O-cyclopropyl
amino acid	H	Br	F	O-acetyl
amino acid	H	Br	F	SH
amino acid	H	Br	F	SMe
amino acid	H	Br	F	SEt
amino acid	H	Br	F	S-cyclopropyl
amino acid	H	Br	F	F
amino acid	H	Br	F	Cl
amino acid	H	Br	F	Br
amino acid	H	Br	F	I
amino acid	acyl	Br	F	H
amino acid	acyl	Br	F	NH <sub>2</sub>
amino acid	acyl	Br	F	NH-cyclopropyl
amino acid	acyl	Br	F	NH-methyl
amino acid	acyl	Br	F	NH-ethyl
amino acid	acyl	Br	F	NH-acetyl
amino acid	acyl	Br	F	OH
amino acid	acyl	Br	F	OMe
amino acid	acyl	Br	F	OEt
amino acid	acyl	Br	F	O-cyclopropyl
amino acid	acyl	Br	F	O-acetyl
amino acid	acyl	Br	F	SH
amino acid	acyl	Br	F	SMe
amino acid	acyl	Br	F	SEt
amino acid	acyl	Br	F	S-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	Br	F	F
amino acid	acyl	Br	F	Cl
amino acid	acyl	Br	F	Br
amino acid	acyl	Br	F	I
acyl	H	F	Cl	H
acyl	H	F	Cl	NH <sub>2</sub>
acyl	H	F	Cl	NH-cyclopropyl
acyl	H	F	Cl	NH-methyl
acyl	H	F	Cl	NH-ethyl
acyl	H	F	Cl	NH-acetyl
acyl	H	F	Cl	OH
acyl	H	F	Cl	OMe
acyl	H	F	Cl	OEt
acyl	H	F	Cl	O-cyclopropyl
acyl	H	F	Cl	O-acetyl
acyl	H	F	Cl	SH
acyl	H	F	Cl	SMe
acyl	H	F	Cl	SEt
acyl	H	F	Cl	S-cyclopropyl
acyl	H	F	Cl	F
acyl	H	F	Cl	Cl
acyl	H	F	Cl	Br
acyl	H	F	Cl	I
acyl	acyl	F	Cl	H
acyl	acyl	F	Cl	NH <sub>2</sub>
acyl	acyl	F	Cl	NH-cyclopropyl
acyl	acyl	F	Cl	NH-methyl
acyl	acyl	F	Cl	NH-ethyl
acyl	acyl	F	Cl	NH-acetyl
acyl	acyl	F	Cl	OH
acyl	acyl	F	Cl	OMe
acyl	acyl	F	Cl	OEt
acyl	acyl	F	Cl	O-cyclopropyl
acyl	acyl	F	Cl	O-acetyl
acyl	acyl	F	Cl	SH
acyl	acyl	F	Cl	SMe
acyl	acyl	F	Cl	SEt
acyl	acyl	F	Cl	S-cyclopropyl
acyl	acyl	F	Cl	F
acyl	acyl	F	Cl	Cl
acyl	acyl	F	Cl	Br
acyl	acyl	F	Cl	I
acyl	amino acid	F	Cl	H
acyl	amino acid	F	Cl	NH <sub>2</sub>
acyl	amino acid	F	Cl	NH-cyclopropyl
acyl	amino acid	F	Cl	NH-methyl
acyl	amino acid	F	Cl	NH-ethyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	F	Cl	NH-acetyl
acyl	amino acid	F	Cl	OH
acyl	amino acid	F	Cl	OMe
acyl	amino acid	F	Cl	OEt
acyl	amino acid	F	Cl	O-cyclopropyl
acyl	amino acid	F	Cl	O-acetyl
acyl	amino acid	F	Cl	SH
acyl	amino acid	F	Cl	SMe
acyl	amino acid	F	Cl	SEt
acyl	amino acid	F	Cl	S-cyclopropyl
acyl	amino acid	F	Cl	F
acyl	amino acid	F	Cl	Cl
acyl	amino acid	F	Cl	Br
acyl	amino acid	F	Cl	I
H	acyl	F	Cl	H
H	acyl	F	Cl	NH <sub>2</sub>
H	acyl	F	Cl	NH-cyclopropyl
H	acyl	F	Cl	NH-methyl
H	acyl	F	Cl	NH-ethyl
H	acyl	F	Cl	NH-acetyl
H	acyl	F	Cl	OH
H	acyl	F	Cl	OMe
H	acyl	F	Cl	OEt
H	acyl	F	Cl	O-cyclopropyl
H	acyl	F	Cl	O-acetyl
H	acyl	F	Cl	SH
H	acyl	F	Cl	SMe
H	acyl	F	Cl	SEt
H	acyl	F	Cl	S-cyclopropyl
H	acyl	F	Cl	F
H	acyl	F	Cl	Cl
H	acyl	F	Cl	Br
H	acyl	F	Cl	I
H	amino acid	F	Cl	H
H	amino acid	F	Cl	NH <sub>2</sub>
H	amino acid	F	Cl	NH-cyclopropyl
H	amino acid	F	Cl	NH-methyl
H	amino acid	F	Cl	NH-ethyl
H	amino acid	F	Cl	NH-acetyl
H	amino acid	F	Cl	OH
H	amino acid	F	Cl	OMe
H	amino acid	F	Cl	OEt
H	amino acid	F	Cl	O-cyclopropyl
H	amino acid	F	Cl	O-acetyl
H	amino acid	F	Cl	SH
H	amino acid	F	Cl	SMe
H	amino acid	F	Cl	SEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	F	Cl	S-cyclopropyl
H	amino acid	F	Cl	F
H	amino acid	F	Cl	Cl
H	amino acid	F	Cl	Br
H	amino acid	F	Cl	I
amino acid	amino acid	F	Cl	H
amino acid	amino acid	F	Cl	NH <sub>2</sub>
amino acid	amino acid	F	Cl	NH-cyclopropyl
amino acid	amino acid	F	Cl	NH-methyl
amino acid	amino acid	F	Cl	NH-ethyl
amino acid	amino acid	F	Cl	NH-acetyl
amino acid	amino acid	F	Cl	OH
amino acid	amino acid	F	Cl	OMe
amino acid	amino acid	F	Cl	OEt
amino acid	amino acid	F	Cl	O-cyclopropyl
amino acid	amino acid	F	Cl	O-acetyl
amino acid	amino acid	F	Cl	SH
amino acid	amino acid	F	Cl	SMe
amino acid	amino acid	F	Cl	SEt
amino acid	amino acid	F	Cl	S-cyclopropyl
amino acid	amino acid	F	Cl	F
amino acid	amino acid	F	Cl	Cl
amino acid	amino acid	F	Cl	Br
amino acid	amino acid	F	Cl	I
amino acid	H	F	Cl	H
amino acid	H	F	Cl	NH <sub>2</sub>
amino acid	H	F	Cl	NH-cyclopropyl
amino acid	H	F	Cl	NH-methyl
amino acid	H	F	Cl	NH-ethyl
amino acid	H	F	Cl	NH-acetyl
amino acid	H	F	Cl	OH
amino acid	H	F	Cl	OMe
amino acid	H	F	Cl	OEt
amino acid	H	F	Cl	O-cyclopropyl
amino acid	H	F	Cl	O-acetyl
amino acid	H	F	Cl	SH
amino acid	H	F	Cl	SMe
amino acid	H	F	Cl	SEt
amino acid	H	F	Cl	S-cyclopropyl
amino acid	H	F	Cl	F
amino acid	H	F	Cl	Cl
amino acid	H	F	Cl	Br
amino acid	H	F	Cl	I
amino acid	acyl	F	Cl	H
amino acid	acyl	F	Cl	NH <sub>2</sub>
amino acid	acyl	F	Cl	NH-cyclopropyl
amino acid	acyl	F	Cl	NH-methyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	F	Cl	NH-ethyl
amino acid	acyl	F	Cl	NH-acetyl
amino acid	acyl	F	Cl	OH
amino acid	acyl	F	Cl	OMe
amino acid	acyl	F	Cl	OEt
amino acid	acyl	F	Cl	O-cyclopropyl
amino acid	acyl	F	Cl	O-acetyl
amino acid	acyl	F	Cl	SH
amino acid	acyl	F	Cl	SMe
amino acid	acyl	F	Cl	SEt
amino acid	acyl	F	Cl	S-cyclopropyl
amino acid	acyl	F	Cl	F
amino acid	acyl	F	Cl	Cl
amino acid	acyl	F	Cl	Br
amino acid	acyl	F	Cl	I
acyl	H	Cl	F	H
acyl	H	Cl	F	NH <sub>2</sub>
acyl	H	Cl	F	NH-cyclopropyl
acyl	H	Cl	F	NH-methyl
acyl	H	Cl	F	NH-ethyl
acyl	H	Cl	F	NH-acetyl
acyl	H	Cl	F	OH
acyl	H	Cl	F	OMe
acyl	H	Cl	F	OEt
acyl	H	Cl	F	O-cyclopropyl
acyl	H	Cl	F	O-acetyl
acyl	H	Cl	F	SH
acyl	H	Cl	F	SMe
acyl	H	Cl	F	SEt
acyl	H	Cl	F	S-cyclopropyl
acyl	H	Cl	F	F
acyl	H	Cl	F	Cl
acyl	H	Cl	F	Br
acyl	H	Cl	F	I
acyl	acyl	Cl	F	H
acyl	acyl	Cl	F	NH <sub>2</sub>
acyl	acyl	Cl	F	NH-cyclopropyl
acyl	acyl	Cl	F	NH-methyl
acyl	acyl	Cl	F	NH-ethyl
acyl	acyl	Cl	F	NH-acetyl
acyl	acyl	Cl	F	OH
acyl	acyl	Cl	F	OMe
acyl	acyl	Cl	F	OEt
acyl	acyl	Cl	F	O-cyclopropyl
acyl	acyl	Cl	F	O-acetyl
acyl	acyl	Cl	F	SH
acyl	acyl	Cl	F	SMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	Cl	F	SEt
acyl	acyl	Cl	F	S-cyclopropyl
acyl	acyl	Cl	F	F
acyl	acyl	Cl	F	Cl
acyl	acyl	Cl	F	Br
acyl	acyl	Cl	F	I
acyl	amino acid	Cl	F	H
acyl	amino acid	Cl	F	NH <sub>2</sub>
acyl	amino acid	Cl	F	NH-cyclopropyl
acyl	amino acid	Cl	F	NH-methyl
acyl	amino acid	Cl	F	NH-ethyl
acyl	amino acid	Cl	F	NH-acetyl
acyl	amino acid	Cl	F	OH
acyl	amino acid	Cl	F	OMe
acyl	amino acid	Cl	F	OEt
acyl	amino acid	Cl	F	O-cyclopropyl
acyl	amino acid	Cl	F	O-acetyl
acyl	amino acid	Cl	F	SH
acyl	amino acid	Cl	F	SMe
acyl	amino acid	Cl	F	SEt
acyl	amino acid	Cl	F	S-cyclopropyl
acyl	amino acid	Cl	F	F
acyl	amino acid	Cl	F	Cl
acyl	amino acid	Cl	F	Br
acyl	amino acid	Cl	F	I
H	acyl	Cl	F	H
H	acyl	Cl	F	NH <sub>2</sub>
H	acyl	Cl	F	NH-cyclopropyl
H	acyl	Cl	F	NH-methyl
H	acyl	Cl	F	NH-ethyl
H	acyl	Cl	F	NH-acetyl
H	acyl	Cl	F	OH
H	acyl	Cl	F	OMe
H	acyl	Cl	F	OEt
H	acyl	Cl	F	O-cyclopropyl
H	acyl	Cl	F	O-acetyl
H	acyl	Cl	F	SH
H	acyl	Cl	F	SMe
H	acyl	Cl	F	SEt
H	acyl	Cl	F	S-cyclopropyl
H	acyl	Cl	F	F
H	acyl	Cl	F	Cl
H	acyl	Cl	F	Br
H	acyl	Cl	F	I
H	amino acid	Cl	F	H
H	amino acid	Cl	F	NH <sub>2</sub>
H	amino acid	Cl	F	NH-cyclopropyl



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	Cl	F	NH-methyl
H	amino acid	Cl	F	NH-ethyl
H	amino acid	Cl	F	NH-acetyl
H	amino acid	Cl	F	OH
H	amino acid	Cl	F	OMe
H	amino acid	Cl	F	OEt
H	amino acid	Cl	F	O-cyclopropyl
H	amino acid	Cl	F	O-acetyl
H	amino acid	Cl	F	SH
H	amino acid	Cl	F	SMe
H	amino acid	Cl	F	SEt
H	amino acid	Cl	F	S-cyclopropyl
H	amino acid	Cl	F	F
H	amino acid	Cl	F	Cl
H	amino acid	Cl	F	Br
H	amino acid	Cl	F	I
amino acid	amino acid	Cl	F	H
amino acid	amino acid	Cl	F	NH <sub>2</sub>
amino acid	amino acid	Cl	F	NH-cyclopropyl
amino acid	amino acid	Cl	F	NH-methyl
amino acid	amino acid	Cl	F	NH-ethyl
amino acid	amino acid	Cl	F	NH-acetyl
amino acid	amino acid	Cl	F	OH
amino acid	amino acid	Cl	F	OMe
amino acid	amino acid	Cl	F	OEt
amino acid	amino acid	Cl	F	O-cyclopropyl
amino acid	amino acid	Cl	F	O-acetyl
amino acid	amino acid	Cl	F	SH
amino acid	amino acid	Cl	F	SMe
amino acid	amino acid	Cl	F	SEt
amino acid	amino acid	Cl	F	S-cyclopropyl
amino acid	amino acid	Cl	F	F
amino acid	amino acid	Cl	F	Cl
amino acid	amino acid	Cl	F	Br
amino acid	amino acid	Cl	F	I
amino acid	H	Cl	F	H
amino acid	H	Cl	F	NH <sub>2</sub>
amino acid	H	Cl	F	NH-cyclopropyl
amino acid	H	Cl	F	NH-methyl
amino acid	H	Cl	F	NH-ethyl
amino acid	H	Cl	F	NH-acetyl
amino acid	H	Cl	F	OH
amino acid	H	Cl	F	OMe
amino acid	H	Cl	F	OEt
amino acid	H	Cl	F	O-cyclopropyl
amino acid	H	Cl	F	O-acetyl
amino acid	H	Cl	F	SH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	Cl	F	SMe
amino acid	H	Cl	F	SEt
amino acid	H	Cl	F	S-cyclopropyl
amino acid	H	Cl	F	F
amino acid	H	Cl	F	Cl
amino acid	H	Cl	F	Br
amino acid	H	Cl	F	I
amino acid	acyl	Cl	F	H
amino acid	acyl	Cl	F	NH <sub>2</sub>
amino acid	acyl	Cl	F	NH-cyclopropyl
amino acid	acyl	Cl	F	NH-methyl
amino acid	acyl	Cl	F	NH-ethyl
amino acid	acyl	Cl	F	NH-acetyl
amino acid	acyl	Cl	F	OH
amino acid	acyl	Cl	F	OMe
amino acid	acyl	Cl	F	OEt
amino acid	acyl	Cl	F	O-cyclopropyl
amino acid	acyl	Cl	F	O-acetyl
amino acid	acyl	Cl	F	SH
amino acid	acyl	Cl	F	SMe
amino acid	acyl	Cl	F	SEt
amino acid	acyl	Cl	F	S-cyclopropyl
amino acid	acyl	Cl	F	F
amino acid	acyl	Cl	F	Cl
amino acid	acyl	Cl	F	Br
amino acid	acyl	Cl	F	I
acyl	H	SH	H	H
acyl	H	SH	H	NH <sub>2</sub>
acyl	H	SH	H	NH-cyclopropyl
acyl	H	SH	H	NH-methyl
acyl	H	SH	H	NH-ethyl
acyl	H	SH	H	NH-acetyl
acyl	H	SH	H	OH
acyl	H	SH	H	OMe
acyl	H	SH	H	OEt
acyl	H	SH	H	O-cyclopropyl
acyl	H	SH	H	O-acetyl
acyl	H	SH	H	SH
acyl	H	SH	H	SMe
acyl	H	SH	H	SEt
acyl	H	SH	H	S-cyclopropyl
acyl	H	SH	H	F
acyl	H	SH	H	Cl
acyl	H	SH	H	Br
acyl	H	SH	H	I
acyl	acyl	SH	H	H
acyl	acyl	SH	H	NH <sub>2</sub>

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	SH	H	NH-cyclopropyl
acyl	acyl	SH	H	NH-methyl
acyl	acyl	SH	H	NH-ethyl
acyl	acyl	SH	H	NH-acetyl
acyl	acyl	SH	H	OH
acyl	acyl	SH	H	OMe
acyl	acyl	SH	H	OEt
acyl	acyl	SH	H	O-cyclopropyl
acyl	acyl	SH	H	O-acetyl
acyl	acyl	SH	H	SH
acyl	acyl	SH	H	SMe
acyl	acyl	SH	H	SEt
acyl	acyl	SH	H	S-cyclopropyl
acyl	acyl	SH	H	F
acyl	acyl	SH	H	Cl
acyl	acyl	SH	H	Br
acyl	acyl	SH	H	I
acyl	amino acid	SH	H	H
acyl	amino acid	SH	H	NH <sub>2</sub>
acyl	amino acid	SH	H	NH-cyclopropyl
acyl	amino acid	SH	H	NH-methyl
acyl	amino acid	SH	H	NH-ethyl
acyl	amino acid	SH	H	NH-acetyl
acyl	amino acid	SH	H	OH
acyl	amino acid	SH	H	OMe
acyl	amino acid	SH	H	OEt
acyl	amino acid	SH	H	O-cyclopropyl
acyl	amino acid	SH	H	O-acetyl
acyl	amino acid	SH	H	SH
acyl	amino acid	SH	H	SMe
acyl	amino acid	SH	H	SEt
acyl	amino acid	SH	H	S-cyclopropyl
acyl	amino acid	SH	H	F
acyl	amino acid	SH	H	Cl
acyl	amino acid	SH	H	Br
acyl	amino acid	SH	H	I
H	acyl	SH	H	H
H	acyl	SH	H	NH <sub>2</sub>
H	acyl	SH	H	NH-cyclopropyl
H	acyl	SH	H	NH-methyl
H	acyl	SH	H	NH-ethyl
H	acyl	SH	H	NH-acetyl
H	acyl	SH	H	OH
H	acyl	SH	H	OMe
H	acyl	SH	H	OEt
H	acyl	SH	H	O-cyclopropyl
H	acyl	SH	H	O-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	SH	H	SH
H	acyl	SH	H	SMe
H	acyl	SH	H	SEt
H	acyl	SH	H	S-cyclopropyl
H	acyl	SH	H	F
H	acyl	SH	H	Cl
H	acyl	SH	H	Br
H	acyl	SH	H	I
H	amino acid	SH	H	H
H	amino acid	SH	H	NH <sub>2</sub>
H	amino acid	SH	H	NH-cyclopropyl
H	amino acid	SH	H	NH-methyl
H	amino acid	SH	H	NH-ethyl
H	amino acid	SH	H	NH-acetyl
H	amino acid	SH	H	OH
H	amino acid	SH	H	OMe
H	amino acid	SH	H	OEt
H	amino acid	SH	H	O-cyclopropyl
H	amino acid	SH	H	O-acetyl
H	amino acid	SH	H	SH
H	amino acid	SH	H	SMe
H	amino acid	SH	H	SEt
H	amino acid	SH	H	S-cyclopropyl
H	amino acid	SH	H	F
H	amino acid	SH	H	Cl
H	amino acid	SH	H	Br
H	amino acid	SH	H	I
amino acid	amino acid	SH	H	H
amino acid	amino acid	SH	H	NH <sub>2</sub>
amino acid	amino acid	SH	H	NH-cyclopropyl
amino acid	amino acid	SH	H	NH-methyl
amino acid	amino acid	SH	H	NH-ethyl
amino acid	amino acid	SH	H	NH-acetyl
amino acid	amino acid	SH	H	OH
amino acid	amino acid	SH	H	OMe
amino acid	amino acid	SH	H	OEt
amino acid	amino acid	SH	H	O-cyclopropyl
amino acid	amino acid	SH	H	O-acetyl
amino acid	amino acid	SH	H	SH
amino acid	amino acid	SH	H	SMe
amino acid	amino acid	SH	H	SEt
amino acid	amino acid	SH	H	S-cyclopropyl
amino acid	amino acid	SH	H	F
amino acid	amino acid	SH	H	Cl
amino acid	amino acid	SH	H	Br
amino acid	amino acid	SH	H	I
amino acid	H	SH	H	H

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	SH	H	NH <sub>2</sub>
amino acid	H	SH	H	NH-cyclopropyl
amino acid	H	SH	H	NH-methyl
amino acid	H	SH	H	NH-ethyl
amino acid	H	SH	H	NH-acetyl
amino acid	H	SH	H	OH
amino acid	H	SH	H	OMe
amino acid	H	SH	H	OEt
amino acid	H	SH	H	O-cyclopropyl
amino acid	H	SH	H	O-acetyl
amino acid	H	SH	H	SH
amino acid	H	SH	H	SMe
amino acid	H	SH	H	SEt
amino acid	H	SH	H	S-cyclopropyl
amino acid	H	SH	H	F
amino acid	H	SH	H	Cl
amino acid	H	SH	H	Br
amino acid	H	SH	H	I
amino acid	acyl	SH	H	H
amino acid	acyl	SH	H	NH <sub>2</sub>
amino acid	acyl	SH	H	NH-cyclopropyl
amino acid	acyl	SH	H	NH-methyl
amino acid	acyl	SH	H	NH-ethyl
amino acid	acyl	SH	H	NH-acetyl
amino acid	acyl	SH	H	OH
amino acid	acyl	SH	H	OMe
amino acid	acyl	SH	H	OEt
amino acid	acyl	SH	H	O-cyclopropyl
amino acid	acyl	SH	H	O-acetyl
amino acid	acyl	SH	H	SH
amino acid	acyl	SH	H	SMe
amino acid	acyl	SH	H	SEt
amino acid	acyl	SH	H	S-cyclopropyl
amino acid	acyl	SH	H	F
amino acid	acyl	SH	H	Cl
amino acid	acyl	SH	H	Br
amino acid	acyl	SH	H	I
acyl	H	SH	F	H
acyl	H	SH	F	NH <sub>2</sub>
acyl	H	SH	F	NH-cyclopropyl
acyl	H	SH	F	NH-methyl
acyl	H	SH	F	NH-ethyl
acyl	H	SH	F	NH-acetyl
acyl	H	SH	F	OH
acyl	H	SH	F	OMe
acyl	H	SH	F	OEt
acyl	H	SH	F	O-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	SH	F	O-acetyl
acyl	H	SH	F	SH
acyl	H	SH	F	SMe
acyl	H	SH	F	SEt
acyl	H	SH	F	S-cyclopropyl
acyl	H	SH	F	F
acyl	H	SH	F	Cl
acyl	H	SH	F	Br
acyl	H	SH	F	I
acyl	acyl	SH	F	H
acyl	acyl	SH	F	NH <sub>2</sub>
acyl	acyl	SH	F	NH-cyclopropyl
acyl	acyl	SH	F	NH-methyl
acyl	acyl	SH	F	NH-ethyl
acyl	acyl	SH	F	NH-acetyl
acyl	acyl	SH	F	OH
acyl	acyl	SH	F	OMe
acyl	acyl	SH	F	OEt
acyl	acyl	SH	F	O-cyclopropyl
acyl	acyl	SH	F	O-acetyl
acyl	acyl	SH	F	SH
acyl	acyl	SH	F	SMe
acyl	acyl	SH	F	SEt
acyl	acyl	SH	F	S-cyclopropyl
acyl	acyl	SH	F	F
acyl	acyl	SH	F	Cl
acyl	acyl	SH	F	Br
acyl	acyl	SH	F	I
acyl	amino acid	SH	F	H
acyl	amino acid	SH	F	NH <sub>2</sub>
acyl	amino acid	SH	F	NH-cyclopropyl
acyl	amino acid	SH	F	NH-methyl
acyl	amino acid	SH	F	NH-ethyl
acyl	amino acid	SH	F	NH-acetyl
acyl	amino acid	SH	F	OH
acyl	amino acid	SH	F	OMe
acyl	amino acid	SH	F	OEt
acyl	amino acid	SH	F	O-cyclopropyl
acyl	amino acid	SH	F	O-acetyl
acyl	amino acid	SH	F	SH
acyl	amino acid	SH	F	SMe
acyl	amino acid	SH	F	SEt
acyl	amino acid	SH	F	S-cyclopropyl
acyl	amino acid	SH	F	F
acyl	amino acid	SH	F	Cl
acyl	amino acid	SH	F	Br
acyl	amino acid	SH	F	I

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	SH	F	H
H	acyl	SH	F	NH <sub>2</sub>
H	acyl	SH	F	NH-cyclopropyl
H	acyl	SH	F	NH-methyl
H	acyl	SH	F	NH-ethyl
H	acyl	SH	F	NH-acetyl
H	acyl	SH	F	OH
H	acyl	SH	F	OMe
H	acyl	SH	F	OEt
H	acyl	SH	F	O-cyclopropyl
H	acyl	SH	F	O-acetyl
H	acyl	SH	F	SH
H	acyl	SH	F	SMe
H	acyl	SH	F	SEt
H	acyl	SH	F	S-cyclopropyl
H	acyl	SH	F	F
H	acyl	SH	F	Cl
H	acyl	SH	F	Br
H	acyl	SH	F	I
H	amino acid	SH	F	H
H	amino acid	SH	F	NH <sub>2</sub>
H	amino acid	SH	F	NH-cyclopropyl
H	amino acid	SH	F	NH-methyl
H	amino acid	SH	F	NH-ethyl
H	amino acid	SH	F	NH-acetyl
H	amino acid	SH	F	OH
H	amino acid	SH	F	OMe
H	amino acid	SH	F	OEt
H	amino acid	SH	F	O-cyclopropyl
H	amino acid	SH	F	O-acetyl
H	amino acid	SH	F	SH
H	amino acid	SH	F	SMe
H	amino acid	SH	F	SEt
H	amino acid	SH	F	S-cyclopropyl
H	amino acid	SH	F	F
H	amino acid	SH	F	Cl
H	amino acid	SH	F	Br
H	amino acid	SH	F	I
amino acid	amino acid	SH	F	H
amino acid	amino acid	SH	F	NH <sub>2</sub>
amino acid	amino acid	SH	F	NH-cyclopropyl
amino acid	amino acid	SH	F	NH-methyl
amino acid	amino acid	SH	F	NH-ethyl
amino acid	amino acid	SH	F	NH-acetyl
amino acid	amino acid	SH	F	OH
amino acid	amino acid	SH	F	OMe
amino acid	amino acid	SH	F	OEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	SH	F	O-cyclopropyl
amino acid	amino acid	SH	F	O-acetyl
amino acid	amino acid	SH	F	SH
amino acid	amino acid	SH	F	SMe
amino acid	amino acid	SH	F	SEt
amino acid	amino acid	SH	F	S-cyclopropyl
amino acid	amino acid	SH	F	F
amino acid	amino acid	SH	F	Cl
amino acid	amino acid	SH	F	Br
amino acid	amino acid	SH	F	I
amino acid	H	SH	F	H
amino acid	H	SH	F	NH <sub>2</sub>
amino acid	H	SH	F	NH-cyclopropyl
amino acid	H	SH	F	NH-methyl
amino acid	H	SH	F	NH-ethyl
amino acid	H	SH	F	NH-acetyl
amino acid	H	SH	F	OH
amino acid	H	SH	F	OMe
amino acid	H	SH	F	OEt
amino acid	H	SH	F	O-cyclopropyl
amino acid	H	SH	F	O-acetyl
amino acid	H	SH	F	SH
amino acid	H	SH	F	SMe
amino acid	H	SH	F	SEt
amino acid	H	SH	F	S-cyclopropyl
amino acid	H	SH	F	F
amino acid	H	SH	F	Cl
amino acid	H	SH	F	Br
amino acid	H	SH	F	I
amino acid	acyl	SH	F	H
amino acid	acyl	SH	F	NH <sub>2</sub>
amino acid	acyl	SH	F	NH-cyclopropyl
amino acid	acyl	SH	F	NH-methyl
amino acid	acyl	SH	F	NH-ethyl
amino acid	acyl	SH	F	NH-acetyl
amino acid	acyl	SH	F	OH
amino acid	acyl	SH	F	OMe
amino acid	acyl	SH	F	OEt
amino acid	acyl	SH	F	O-cyclopropyl
amino acid	acyl	SH	F	O-acetyl
amino acid	acyl	SH	F	SH
amino acid	acyl	SH	F	SMe
amino acid	acyl	SH	F	SEt
amino acid	acyl	SH	F	S-cyclopropyl
amino acid	acyl	SH	F	F
amino acid	acyl	SH	F	Cl
amino acid	acyl	SH	F	Br



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	SH	F	I
acyl	H	SH	Cl	H
acyl	H	SH	Cl	NH <sub>2</sub>
acyl	H	SH	Cl	NH-cyclopropyl
acyl	H	SH	Cl	NH-methyl
acyl	H	SH	Cl	NH-ethyl
acyl	H	SH	Cl	NH-acetyl
acyl	H	SH	Cl	OH
acyl	H	SH	Cl	OMe
acyl	H	SH	Cl	OEt
acyl	H	SH	Cl	O-cyclopropyl
acyl	H	SH	Cl	O-acetyl
acyl	H	SH	Cl	SH
acyl	H	SH	Cl	SMe
acyl	H	SH	Cl	SEt
acyl	H	SH	Cl	S-cyclopropyl
acyl	H	SH	Cl	F
acyl	H	SH	Cl	Cl
acyl	H	SH	Cl	Br
acyl	H	SH	Cl	I
acyl	acyl	SH	Cl	H
acyl	acyl	SH	Cl	NH <sub>2</sub>
acyl	acyl	SH	Cl	NH-cyclopropyl
acyl	acyl	SH	Cl	NH-methyl
acyl	acyl	SH	Cl	NH-ethyl
acyl	acyl	SH	Cl	NH-acetyl
acyl	acyl	SH	Cl	OH
acyl	acyl	SH	Cl	OMe
acyl	acyl	SH	Cl	OEt
acyl	acyl	SH	Cl	O-cyclopropyl
acyl	acyl	SH	Cl	O-acetyl
acyl	acyl	SH	Cl	SH
acyl	acyl	SH	Cl	SMe
acyl	acyl	SH	Cl	SEt
acyl	acyl	SH	Cl	S-cyclopropyl
acyl	acyl	SH	Cl	F
acyl	acyl	SH	Cl	Cl
acyl	acyl	SH	Cl	Br
acyl	acyl	SH	Cl	I
acyl	amino acid	SH	Cl	H
acyl	amino acid	SH	Cl	NH <sub>2</sub>
acyl	amino acid	SH	Cl	NH-cyclopropyl
acyl	amino acid	SH	Cl	NH-methyl
acyl	amino acid	SH	Cl	NH-ethyl
acyl	amino acid	SH	Cl	NH-acetyl
acyl	amino acid	SH	Cl	OH
acyl	amino acid	SH	Cl	OMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	SH	Cl	OEt
acyl	amino acid	SH	Cl	O-cyclopropyl
acyl	amino acid	SH	Cl	O-acetyl
acyl	amino acid	SH	Cl	SH
acyl	amino acid	SH	Cl	SMe
acyl	amino acid	SH	Cl	SEt
acyl	amino acid	SH	Cl	S-cyclopropyl
acyl	amino acid	SH	Cl	F
acyl	amino acid	SH	Cl	Cl
acyl	amino acid	SH	Cl	Br
acyl	amino acid	SH	Cl	I
H	acyl	SH	Cl	H
H	acyl	SH	Cl	NH <sub>2</sub>
H	acyl	SH	Cl	NH-cyclopropyl
H	acyl	SH	Cl	NH-methyl
H	acyl	SH	Cl	NH-ethyl
H	acyl	SH	Cl	NH-acetyl
H	acyl	SH	Cl	OH
H	acyl	SH	Cl	OMe
H	acyl	SH	Cl	OEt
H	acyl	SH	Cl	O-cyclopropyl
H	acyl	SH	Cl	O-acetyl
H	acyl	SH	Cl	SH
H	acyl	SH	Cl	SMe
H	acyl	SH	Cl	SEt
H	acyl	SH	Cl	S-cyclopropyl
H	acyl	SH	Cl	F
H	acyl	SH	Cl	Cl
H	acyl	SH	Cl	Br
H	acyl	SH	Cl	I
H	amino acid	SH	Cl	H
H	amino acid	SH	Cl	NH <sub>2</sub>
H	amino acid	SH	Cl	NH-cyclopropyl
H	amino acid	SH	Cl	NH-methyl
H	amino acid	SH	Cl	NH-ethyl
H	amino acid	SH	Cl	NH-acetyl
H	amino acid	SH	Cl	OH
H	amino acid	SH	Cl	OMe
H	amino acid	SH	Cl	OEt
H	amino acid	SH	Cl	O-cyclopropyl
H	amino acid	SH	Cl	O-acetyl
H	amino acid	SH	Cl	SH
H	amino acid	SH	Cl	SMe
H	amino acid	SH	Cl	SEt
H	amino acid	SH	Cl	S-cyclopropyl
H	amino acid	SH	Cl	F
H	amino acid	SH	Cl	Cl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	SH	Cl	Br
H	amino acid	SH	Cl	I
amino acid	amino acid	SH	Cl	H
amino acid	amino acid	SH	Cl	NH <sub>2</sub>
amino acid	amino acid	SH	Cl	NH-cyclopropyl
amino acid	amino acid	SH	Cl	NH-methyl
amino acid	amino acid	SH	Cl	NH-ethyl
amino acid	amino acid	SH	Cl	NH-acetyl
amino acid	amino acid	SH	Cl	OH
amino acid	amino acid	SH	Cl	OMe
amino acid	amino acid	SH	Cl	OEt
amino acid	amino acid	SH	Cl	O-cyclopropyl
amino acid	amino acid	SH	Cl	O-acetyl
amino acid	amino acid	SH	Cl	SH
amino acid	amino acid	SH	Cl	SMe
amino acid	amino acid	SH	Cl	SEt
amino acid	amino acid	SH	Cl	S-cyclopropyl
amino acid	amino acid	SH	Cl	F
amino acid	amino acid	SH	Cl	Cl
amino acid	amino acid	SH	Cl	Br
amino acid	amino acid	SH	Cl	I
amino acid	H	SH	Cl	H
amino acid	H	SH	Cl	NH <sub>2</sub>
amino acid	H	SH	Cl	NH-cyclopropyl
amino acid	H	SH	Cl	NH-methyl
amino acid	H	SH	Cl	NH-ethyl
amino acid	H	SH	Cl	NH-acetyl
amino acid	H	SH	Cl	OH
amino acid	H	SH	Cl	OMe
amino acid	H	SH	Cl	OEt
amino acid	H	SH	Cl	O-cyclopropyl
amino acid	H	SH	Cl	O-acetyl
amino acid	H	SH	Cl	SH
amino acid	H	SH	Cl	SMe
amino acid	H	SH	Cl	SEt
amino acid	H	SH	Cl	S-cyclopropyl
amino acid	H	SH	Cl	F
amino acid	H	SH	Cl	Cl
amino acid	H	SH	Cl	Br
amino acid	H	SH	Cl	I
amino acid	acyl	SH	Cl	H
amino acid	acyl	SH	Cl	NH <sub>2</sub>
amino acid	acyl	SH	Cl	NH-cyclopropyl
amino acid	acyl	SH	Cl	NH-methyl
amino acid	acyl	SH	Cl	NH-ethyl
amino acid	acyl	SH	Cl	NH-acetyl
amino acid	acyl	SH	Cl	OH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	SH	Cl	OMe
amino acid	acyl	SH	Cl	OEt
amino acid	acyl	SH	Cl	O-cyclopropyl
amino acid	acyl	SH	Cl	O-acetyl
amino acid	acyl	SH	Cl	SH
amino acid	acyl	SH	Cl	SMe
amino acid	acyl	SH	Cl	SEt
amino acid	acyl	SH	Cl	S-cyclopropyl
amino acid	acyl	SH	Cl	F
amino acid	acyl	SH	Cl	Cl
amino acid	acyl	SH	Cl	Br
amino acid	acyl	SH	Cl	I
acyl	H	SH	Br	H
acyl	H	SH	Br	NH <sub>2</sub>
acyl	H	SH	Br	NH-cyclopropyl
acyl	H	SH	Br	NH-methyl
acyl	H	SH	Br	NH-ethyl
acyl	H	SH	Br	NH-acetyl
acyl	H	SH	Br	OH
acyl	H	SH	Br	OMe
acyl	H	SH	Br	OEt
acyl	H	SH	Br	O-cyclopropyl
acyl	H	SH	Br	O-acetyl
acyl	H	SH	Br	SH
acyl	H	SH	Br	SMe
acyl	H	SH	Br	SEt
acyl	H	SH	Br	S-cyclopropyl
acyl	H	SH	Br	F
acyl	H	SH	Br	Cl
acyl	H	SH	Br	Br
acyl	H	SH	Br	I
acyl	acyl	SH	Br	H
acyl	acyl	SH	Br	NH <sub>2</sub>
acyl	acyl	SH	Br	NH-cyclopropyl
acyl	acyl	SH	Br	NH-methyl
acyl	acyl	SH	Br	NH-ethyl
acyl	acyl	SH	Br	NH-acetyl
acyl	acyl	SH	Br	OH
acyl	acyl	SH	Br	OMe
acyl	acyl	SH	Br	OEt
acyl	acyl	SH	Br	O-cyclopropyl
acyl	acyl	SH	Br	O-acetyl
acyl	acyl	SH	Br	SH
acyl	acyl	SH	Br	SMe
acyl	acyl	SH	Br	SEt
acyl	acyl	SH	Br	S-cyclopropyl
acyl	acyl	SH	Br	F

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	SH	Br	Cl
acyl	acyl	SH	Br	Br
acyl	acyl	SH	Br	I
acyl	amino acid	SH	Br	H
acyl	amino acid	SH	Br	NH <sub>2</sub>
acyl	amino acid	SH	Br	NH-cyclopropyl
acyl	amino acid	SH	Br	NH-methyl
acyl	amino acid	SH	Br	NH-ethyl
acyl	amino acid	SH	Br	NH-acetyl
acyl	amino acid	SH	Br	OH
acyl	amino acid	SH	Br	OMe
acyl	amino acid	SH	Br	OEt
acyl	amino acid	SH	Br	O-cyclopropyl
acyl	amino acid	SH	Br	O-acetyl
acyl	amino acid	SH	Br	SH
acyl	amino acid	SH	Br	SMe
acyl	amino acid	SH	Br	SEt
acyl	amino acid	SH	Br	S-cyclopropyl
acyl	amino acid	SH	Br	F
acyl	amino acid	SH	Br	Cl
acyl	amino acid	SH	Br	Br
acyl	amino acid	SH	Br	I
H	acyl	SH	Br	H
H	acyl	SH	Br	NH <sub>2</sub>
H	acyl	SH	Br	NH-cyclopropyl
H	acyl	SH	Br	NH-methyl
H	acyl	SH	Br	NH-ethyl
H	acyl	SH	Br	NH-acetyl
H	acyl	SH	Br	OH
H	acyl	SH	Br	OMe
H	acyl	SH	Br	OEt
H	acyl	SH	Br	O-cyclopropyl
H	acyl	SH	Br	O-acetyl
H	acyl	SH	Br	SH
H	acyl	SH	Br	SMe
H	acyl	SH	Br	SEt
H	acyl	SH	Br	S-cyclopropyl
H	acyl	SH	Br	F
H	acyl	SH	Br	Cl
H	acyl	SH	Br	Br
H	acyl	SH	Br	I
H	amino acid	SH	Br	H
H	amino acid	SH	Br	NH <sub>2</sub>
H	amino acid	SH	Br	NH-cyclopropyl
H	amino acid	SH	Br	NH-methyl
H	amino acid	SH	Br	NH-ethyl
H	amino acid	SH	Br	NH-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	SH	Br	OH
H	amino acid	SH	Br	OMe
H	amino acid	SH	Br	OEt
H	amino acid	SH	Br	O-cyclopropyl
H	amino acid	SH	Br	O-acetyl
H	amino acid	SH	Br	SH
H	amino acid	SH	Br	SMe
H	amino acid	SH	Br	SEt
H	amino acid	SH	Br	S-cyclopropyl
H	amino acid	SH	Br	F
H	amino acid	SH	Br	Cl
H	amino acid	SH	Br	Br
H	amino acid	SH	Br	I
amino acid	amino acid	SH	Br	H
amino acid	amino acid	SH	Br	NH <sub>2</sub>
amino acid	amino acid	SH	Br	NH-cyclopropyl
amino acid	amino acid	SH	Br	NH-methyl
amino acid	amino acid	SH	Br	NH-ethyl
amino acid	amino acid	SH	Br	NH-acetyl
amino acid	amino acid	SH	Br	OH
amino acid	amino acid	SH	Br	OMe
amino acid	amino acid	SH	Br	OEt
amino acid	amino acid	SH	Br	O-cyclopropyl
amino acid	amino acid	SH	Br	O-acetyl
amino acid	amino acid	SH	Br	SH
amino acid	amino acid	SH	Br	SMe
amino acid	amino acid	SH	Br	SEt
amino acid	amino acid	SH	Br	S-cyclopropyl
amino acid	amino acid	SH	Br	F
amino acid	amino acid	SH	Br	Cl
amino acid	amino acid	SH	Br	Br
amino acid	amino acid	SH	Br	I
amino acid	H	SH	Br	H
amino acid	H	SH	Br	NH <sub>2</sub>
amino acid	H	SH	Br	NH-cyclopropyl
amino acid	H	SH	Br	NH-methyl
amino acid	H	SH	Br	NH-ethyl
amino acid	H	SH	Br	NH-acetyl
amino acid	H	SH	Br	OH
amino acid	H	SH	Br	OMe
amino acid	H	SH	Br	OEt
amino acid	H	SH	Br	O-cyclopropyl
amino acid	H	SH	Br	O-acetyl
amino acid	H	SH	Br	SH
amino acid	H	SH	Br	SMe
amino acid	H	SH	Br	SEt
amino acid	H	SH	Br	S-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	SH	Br	F
amino acid	H	SH	Br	Cl
amino acid	H	SH	Br	Br
amino acid	H	SH	Br	I
amino acid	acyl	SH	Br	H
amino acid	acyl	SH	Br	NH <sub>2</sub>
amino acid	acyl	SH	Br	NH-cyclopropyl
amino acid	acyl	SH	Br	NH-methyl
amino acid	acyl	SH	Br	NH-ethyl
amino acid	acyl	SH	Br	NH-acetyl
amino acid	acyl	SH	Br	OH
amino acid	acyl	SH	Br	OMe
amino acid	acyl	SH	Br	OEt
amino acid	acyl	SH	Br	O-cyclopropyl
amino acid	acyl	SH	Br	O-acetyl
amino acid	acyl	SH	Br	SH
amino acid	acyl	SH	Br	SMe
amino acid	acyl	SH	Br	SEt
amino acid	acyl	SH	Br	S-cyclopropyl
amino acid	acyl	SH	Br	F
amino acid	acyl	SH	Br	Cl
amino acid	acyl	SH	Br	Br
amino acid	acyl	SH	Br	I
acyl	H	H	SH	H
acyl	H	H	SH	NH <sub>2</sub>
acyl	H	H	SH	NH-cyclopropyl
acyl	H	H	SH	NH-methyl
acyl	H	H	SH	NH-ethyl
acyl	H	H	SH	NH-acetyl
acyl	H	H	SH	OH
acyl	H	H	SH	OMe
acyl	H	H	SH	OEt
acyl	H	H	SH	O-cyclopropyl
acyl	H	H	SH	O-acetyl
acyl	H	H	SH	SH
acyl	H	H	SH	SMe
acyl	H	H	SH	SEt
acyl	H	H	SH	S-cyclopropyl
acyl	H	H	SH	F
acyl	H	H	SH	Cl
acyl	H	H	SH	Br
acyl	H	H	SH	I
acyl	acyl	H	SH	H
acyl	acyl	H	SH	NH <sub>2</sub>
acyl	acyl	H	SH	NH-cyclopropyl
acyl	acyl	H	SH	NH-methyl
acyl	acyl	H	SH	NH-ethyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	H	SH	NH-acetyl
acyl	acyl	H	SH	OH
acyl	acyl	H	SH	OMe
acyl	acyl	H	SH	OEt
acyl	acyl	H	SH	O-cyclopropyl
acyl	acyl	H	SH	O-acetyl
acyl	acyl	H	SH	SH
acyl	acyl	H	SH	SMe
acyl	acyl	H	SH	SEt
acyl	acyl	H	SH	S-cyclopropyl
acyl	acyl	H	SH	F
acyl	acyl	H	SH	Cl
acyl	acyl	H	SH	Br
acyl	acyl	H	SH	I
acyl	amino acid	H	SH	H
acyl	amino acid	H	SH	NH <sub>2</sub>
acyl	amino acid	H	SH	NH-cyclopropyl
acyl	amino acid	H	SH	NH-methyl
acyl	amino acid	H	SH	NH-ethyl
acyl	amino acid	H	SH	NH-acetyl
acyl	amino acid	H	SH	OH
acyl	amino acid	H	SH	OMe
acyl	amino acid	H	SH	OEt
acyl	amino acid	H	SH	O-cyclopropyl
acyl	amino acid	H	SH	O-acetyl
acyl	amino acid	H	SH	SH
acyl	amino acid	H	SH	SMe
acyl	amino acid	H	SH	SEt
acyl	amino acid	H	SH	S-cyclopropyl
acyl	amino acid	H	SH	F
acyl	amino acid	H	SH	Cl
acyl	amino acid	H	SH	Br
acyl	amino acid	H	SH	I
H	acyl	H	SH	H
H	acyl	H	SH	NH <sub>2</sub>
H	acyl	H	SH	NH-cyclopropyl
H	acyl	H	SH	NH-methyl
H	acyl	H	SH	NH-ethyl
H	acyl	H	SH	NH-acetyl
H	acyl	H	SH	OH
H	acyl	H	SH	OMe
H	acyl	H	SH	OEt
H	acyl	H	SH	O-cyclopropyl
H	acyl	H	SH	O-acetyl
H	acyl	H	SH	SH
H	acyl	H	SH	SMe
H	acyl	H	SH	SEt



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	H	SH	S-cyclopropyl
H	acyl	H	SH	F
H	acyl	H	SH	Cl
H	acyl	H	SH	Br
H	acyl	H	SH	I
H	amino acid	H	SH	H
H	amino acid	H	SH	NH <sub>2</sub>
H	amino acid	H	SH	NH-cyclopropyl
H	amino acid	H	SH	NH-methyl
H	amino acid	H	SH	NH-ethyl
H	amino acid	H	SH	NH-acetyl
H	amino acid	H	SH	OH
H	amino acid	H	SH	OMe
H	amino acid	H	SH	OEt
H	amino acid	H	SH	O-cyclopropyl
H	amino acid	H	SH	O-acetyl
H	amino acid	H	SH	SH
H	amino acid	H	SH	SMe
H	amino acid	H	SH	SEt
H	amino acid	H	SH	S-cyclopropyl
H	amino acid	H	SH	F
H	amino acid	H	SH	Cl
H	amino acid	H	SH	Br
H	amino acid	H	SH	I
amino acid	amino acid	H	SH	H
amino acid	amino acid	H	SH	NH <sub>2</sub>
amino acid	amino acid	H	SH	NH-cyclopropyl
amino acid	amino acid	H	SH	NH-methyl
amino acid	amino acid	H	SH	NH-ethyl
amino acid	amino acid	H	SH	NH-acetyl
amino acid	amino acid	H	SH	OH
amino acid	amino acid	H	SH	OMe
amino acid	amino acid	H	SH	OEt
amino acid	amino acid	H	SH	O-cyclopropyl
amino acid	amino acid	H	SH	O-acetyl
amino acid	amino acid	H	SH	SH
amino acid	amino acid	H	SH	SMe
amino acid	amino acid	H	SH	SEt
amino acid	amino acid	H	SH	S-cyclopropyl
amino acid	amino acid	H	SH	F
amino acid	amino acid	H	SH	Cl
amino acid	amino acid	H	SH	Br
amino acid	amino acid	H	SH	I
amino acid	H	H	SH	H
amino acid	H	H	SH	NH <sub>2</sub>
amino acid	H	H	SH	NH-cyclopropyl
amino acid	H	H	SH	NH-methyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	H	SH	NH-ethyl
amino acid	H	H	SH	NH-acetyl
amino acid	H	H	SH	OH
amino acid	H	H	SH	OMe
amino acid	H	H	SH	OEt
amino acid	H	H	SH	O-cyclopropyl
amino acid	H	H	SH	O-acetyl
amino acid	H	H	SH	SH
amino acid	H	H	SH	SMe
amino acid	H	H	SH	SEt
amino acid	H	H	SH	S-cyclopropyl
amino acid	H	H	SH	F
amino acid	H	H	SH	Cl
amino acid	H	H	SH	Br
amino acid	H	H	SH	I
amino acid	acyl	H	SH	H
amino acid	acyl	H	SH	NH <sub>2</sub>
amino acid	acyl	H	SH	NH-cyclopropyl
amino acid	acyl	H	SH	NH-methyl
amino acid	acyl	H	SH	NH-ethyl
amino acid	acyl	H	SH	NH-acetyl
amino acid	acyl	H	SH	OH
amino acid	acyl	H	SH	OMe
amino acid	acyl	H	SH	OEt
amino acid	acyl	H	SH	O-cyclopropyl
amino acid	acyl	H	SH	O-acetyl
amino acid	acyl	H	SH	SH
amino acid	acyl	H	SH	SMe
amino acid	acyl	H	SH	SEt
amino acid	acyl	H	SH	S-cyclopropyl
amino acid	acyl	H	SH	F
amino acid	acyl	H	SH	Cl
amino acid	acyl	H	SH	Br
amino acid	acyl	H	SH	I
acyl	H	F	SH	H
acyl	H	F	SH	NH <sub>2</sub>
acyl	H	F	SH	NH-cyclopropyl
acyl	H	F	SH	NH-methyl
acyl	H	F	SH	NH-ethyl
acyl	H	F	SH	NH-acetyl
acyl	H	F	SH	OH
acyl	H	F	SH	OMe
acyl	H	F	SH	OEt
acyl	H	F	SH	O-cyclopropyl
acyl	H	F	SH	O-acetyl
acyl	H	F	SH	SH
acyl	H	F	SH	SMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	F	SH	SEt
acyl	H	F	SH	S-cyclopropyl
acyl	H	F	SH	F
acyl	H	F	SH	Cl
acyl	H	F	SH	Br
acyl	H	F	SH	I
acyl	acyl	F	SH	H
acyl	acyl	F	SH	NH <sub>2</sub>
acyl	acyl	F	SH	NH-cyclopropyl
acyl	acyl	F	SH	NH-methyl
acyl	acyl	F	SH	NH-ethyl
acyl	acyl	F	SH	NH-acetyl
acyl	acyl	F	SH	OH
acyl	acyl	F	SH	OMe
acyl	acyl	F	SH	OEt
acyl	acyl	F	SH	O-cyclopropyl
acyl	acyl	F	SH	O-acetyl
acyl	acyl	F	SH	SH
acyl	acyl	F	SH	SMe
acyl	acyl	F	SH	SEt
acyl	acyl	F	SH	S-cyclopropyl
acyl	acyl	F	SH	F
acyl	acyl	F	SH	Cl
acyl	acyl	F	SH	Br
acyl	acyl	F	SH	I
acyl	amino acid	F	SH	H
acyl	amino acid	F	SH	NH <sub>2</sub>
acyl	amino acid	F	SH	NH-cyclopropyl
acyl	amino acid	F	SH	NH-methyl
acyl	amino acid	F	SH	NH-ethyl
acyl	amino acid	F	SH	NH-acetyl
acyl	amino acid	F	SH	OH
acyl	amino acid	F	SH	OMe
acyl	amino acid	F	SH	OEt
acyl	amino acid	F	SH	O-cyclopropyl
acyl	amino acid	F	SH	O-acetyl
acyl	amino acid	F	SH	SH
acyl	amino acid	F	SH	SMe
acyl	amino acid	F	SH	SEt
acyl	amino acid	F	SH	S-cyclopropyl
acyl	amino acid	F	SH	F
acyl	amino acid	F	SH	Cl
acyl	amino acid	F	SH	Br
acyl	amino acid	F	SH	I
H	acyl	F	SH	H
H	acyl	F	SH	NH <sub>2</sub>
H	acyl	F	SH	NH-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	F	SH	NH-methyl
H	acyl	F	SH	NH-ethyl
H	acyl	F	SH	NH-acetyl
H	acyl	F	SH	OH
H	acyl	F	SH	OMe
H	acyl	F	SH	OEt
H	acyl	F	SH	O-cyclopropyl
H	acyl	F	SH	O-acetyl
H	acyl	F	SH	SH
H	acyl	F	SH	SMe
H	acyl	F	SH	SEt
H	acyl	F	SH	S-cyclopropyl
H	acyl	F	SH	F
H	acyl	F	SH	Cl
H	acyl	F	SH	Br
H	acyl	F	SH	I
H	amino acid	F	SH	H
H	amino acid	F	SH	NH <sub>2</sub>
H	amino acid	F	SH	NH-cyclopropyl
H	amino acid	F	SH	NH-methyl
H	amino acid	F	SH	NH-ethyl
H	amino acid	F	SH	NH-acetyl
H	amino acid	F	SH	OH
H	amino acid	F	SH	OMe
H	amino acid	F	SH	OEt
H	amino acid	F	SH	O-cyclopropyl
H	amino acid	F	SH	O-acetyl
H	amino acid	F	SH	SH
H	amino acid	F	SH	SMe
H	amino acid	F	SH	SEt
H	amino acid	F	SH	S-cyclopropyl
H	amino acid	F	SH	F
H	amino acid	F	SH	Cl
H	amino acid	F	SH	Br
H	amino acid	F	SH	I
amino acid	amino acid	F	SH	H
amino acid	amino acid	F	SH	NH <sub>2</sub>
amino acid	amino acid	F	SH	NH-cyclopropyl
amino acid	amino acid	F	SH	NH-methyl
amino acid	amino acid	F	SH	NH-ethyl
amino acid	amino acid	F	SH	NH-acetyl
amino acid	amino acid	F	SH	OH
amino acid	amino acid	F	SH	OMe
amino acid	amino acid	F	SH	OEt
amino acid	amino acid	F	SH	O-cyclopropyl
amino acid	amino acid	F	SH	O-acetyl
amino acid	amino acid	F	SH	SH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	F	SH	SMe
amino acid	amino acid	F	SH	SEt
amino acid	amino acid	F	SH	S-cyclopropyl
amino acid	amino acid	F	SH	F
amino acid	amino acid	F	SH	Cl
amino acid	amino acid	F	SH	Br
amino acid	amino acid	F	SH	I
amino acid	H	F	SH	H
amino acid	H	F	SH	NH <sub>2</sub>
amino acid	H	F	SH	NH-cyclopropyl
amino acid	H	F	SH	NH-methyl
amino acid	H	F	SH	NH-ethyl
amino acid	H	F	SH	NH-acetyl
amino acid	H	F	SH	OH
amino acid	H	F	SH	OMe
amino acid	H	F	SH	OEt
amino acid	H	F	SH	O-cyclopropyl
amino acid	H	F	SH	O-acetyl
amino acid	H	F	SH	SH
amino acid	H	F	SH	SMe
amino acid	H	F	SH	SEt
amino acid	H	F	SH	S-cyclopropyl
amino acid	H	F	SH	F
amino acid	H	F	SH	Cl
amino acid	H	F	SH	Br
amino acid	H	F	SH	I
amino acid	acyl	F	SH	H
amino acid	acyl	F	SH	NH <sub>2</sub>
amino acid	acyl	F	SH	NH-cyclopropyl
amino acid	acyl	F	SH	NH-methyl
amino acid	acyl	F	SH	NH-ethyl
amino acid	acyl	F	SH	NH-acetyl
amino acid	acyl	F	SH	OH
amino acid	acyl	F	SH	OMe
amino acid	acyl	F	SH	OEt
amino acid	acyl	F	SH	O-cyclopropyl
amino acid	acyl	F	SH	O-acetyl
amino acid	acyl	F	SH	SH
amino acid	acyl	F	SH	SMe
amino acid	acyl	F	SH	SEt
amino acid	acyl	F	SH	S-cyclopropyl
amino acid	acyl	F	SH	F
amino acid	acyl	F	SH	Cl
amino acid	acyl	F	SH	Br
amino acid	acyl	F	SH	I
acyl	H	Cl	SH	H
acyl	H	Cl	SH	NH <sub>2</sub>

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	Cl	SH	NH-cyclopropyl
acyl	H	Cl	SH	NH-methyl
acyl	H	Cl	SH	NH-ethyl
acyl	H	Cl	SH	NH-acetyl
acyl	H	Cl	SH	OH
acyl	H	Cl	SH	OMe
acyl	H	Cl	SH	OEt
acyl	H	Cl	SH	O-cyclopropyl
acyl	H	Cl	SH	O-acetyl
acyl	H	Cl	SH	SH
acyl	H	Cl	SH	SMe
acyl	H	Cl	SH	SEt
acyl	H	Cl	SH	S-cyclopropyl
acyl	H	Cl	SH	F
acyl	H	Cl	SH	Cl
acyl	H	Cl	SH	Br
acyl	H	Cl	SH	I
acyl	acyl	Cl	SH	H
acyl	acyl	Cl	SH	NH <sub>2</sub>
acyl	acyl	Cl	SH	NH-cyclopropyl
acyl	acyl	Cl	SH	NH-methyl
acyl	acyl	Cl	SH	NH-ethyl
acyl	acyl	Cl	SH	NH-acetyl
acyl	acyl	Cl	SH	OH
acyl	acyl	Cl	SH	OMe
acyl	acyl	Cl	SH	OEt
acyl	acyl	Cl	SH	O-cyclopropyl
acyl	acyl	Cl	SH	O-acetyl
acyl	acyl	Cl	SH	SH
acyl	acyl	Cl	SH	SMe
acyl	acyl	Cl	SH	SEt
acyl	acyl	Cl	SH	S-cyclopropyl
acyl	acyl	Cl	SH	F
acyl	acyl	Cl	SH	Cl
acyl	acyl	Cl	SH	Br
acyl	acyl	Cl	SH	I
acyl	amino acid	Cl	SH	H
acyl	amino acid	Cl	SH	NH <sub>2</sub>
acyl	amino acid	Cl	SH	NH-cyclopropyl
acyl	amino acid	Cl	SH	NH-methyl
acyl	amino acid	Cl	SH	NH-ethyl
acyl	amino acid	Cl	SH	NH-acetyl
acyl	amino acid	Cl	SH	OH
acyl	amino acid	Cl	SH	OMe
acyl	amino acid	Cl	SH	OEt
acyl	amino acid	Cl	SH	O-cyclopropyl
acyl	amino acid	Cl	SH	O-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	Cl	SH	SH
acyl	amino acid	Cl	SH	SMe
acyl	amino acid	Cl	SH	SEt
acyl	amino acid	Cl	SH	S-cyclopropyl
acyl	amino acid	Cl	SH	F
acyl	amino acid	Cl	SH	Cl
acyl	amino acid	Cl	SH	Br
acyl	amino acid	Cl	SH	I
H	acyl	Cl	SH	H
H	acyl	Cl	SH	NH <sub>2</sub>
H	acyl	Cl	SH	NH-cyclopropyl
H	acyl	Cl	SH	NH-methyl
H	acyl	Cl	SH	NH-ethyl
H	acyl	Cl	SH	NH-acetyl
H	acyl	Cl	SH	OH
H	acyl	Cl	SH	OMe
H	acyl	Cl	SH	OEt
H	acyl	Cl	SH	O-cyclopropyl
H	acyl	Cl	SH	O-acetyl
H	acyl	Cl	SH	SH
H	acyl	Cl	SH	SMe
H	acyl	Cl	SH	SEt
H	acyl	Cl	SH	S-cyclopropyl
H	acyl	Cl	SH	F
H	acyl	Cl	SH	Cl
H	acyl	Cl	SH	Br
H	acyl	Cl	SH	I
H	amino acid	Cl	SH	H
H	amino acid	Cl	SH	NH <sub>2</sub>
H	amino acid	Cl	SH	NH-cyclopropyl
H	amino acid	Cl	SH	NH-methyl
H	amino acid	Cl	SH	NH-ethyl
H	amino acid	Cl	SH	NH-acetyl
H	amino acid	Cl	SH	OH
H	amino acid	Cl	SH	OMe
H	amino acid	Cl	SH	OEt
H	amino acid	Cl	SH	O-cyclopropyl
H	amino acid	Cl	SH	O-acetyl
H	amino acid	Cl	SH	SH
H	amino acid	Cl	SH	SMe
H	amino acid	Cl	SH	SEt
H	amino acid	Cl	SH	S-cyclopropyl
H	amino acid	Cl	SH	F
H	amino acid	Cl	SH	Cl
H	amino acid	Cl	SH	Br
H	amino acid	Cl	SH	I
amino acid	amino acid	Cl	SH	H

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	Cl	SH	NH <sub>2</sub>
amino acid	amino acid	Cl	SH	NH-cyclopropyl
amino acid	amino acid	Cl	SH	NH-methyl
amino acid	amino acid	Cl	SH	NH-ethyl
amino acid	amino acid	Cl	SH	NH-acetyl
amino acid	amino acid	Cl	SH	OH
amino acid	amino acid	Cl	SH	OMe
amino acid	amino acid	Cl	SH	OEt
amino acid	amino acid	Cl	SH	O-cyclopropyl
amino acid	amino acid	Cl	SH	O-acetyl
amino acid	amino acid	Cl	SH	SH
amino acid	amino acid	Cl	SH	SMe
amino acid	amino acid	Cl	SH	SEt
amino acid	amino acid	Cl	SH	S-cyclopropyl
amino acid	amino acid	Cl	SH	F
amino acid	amino acid	Cl	SH	Cl
amino acid	amino acid	Cl	SH	Br
amino acid	amino acid	Cl	SH	I
amino acid	H	Cl	SH	H
amino acid	H	Cl	SH	NH <sub>2</sub>
amino acid	H	Cl	SH	NH-cyclopropyl
amino acid	H	Cl	SH	NH-methyl
amino acid	H	Cl	SH	NH-ethyl
amino acid	H	Cl	SH	NH-acetyl
amino acid	H	Cl	SH	OH
amino acid	H	Cl	SH	OMe
amino acid	H	Cl	SH	OEt
amino acid	H	Cl	SH	O-cyclopropyl
amino acid	H	Cl	SH	O-acetyl
amino acid	H	Cl	SH	SH
amino acid	H	Cl	SH	SMe
amino acid	H	Cl	SH	SEt
amino acid	H	Cl	SH	S-cyclopropyl
amino acid	H	Cl	SH	F
amino acid	H	Cl	SH	Cl
amino acid	H	Cl	SH	Br
amino acid	H	Cl	SH	I
amino acid	acyl	Cl	SH	H
amino acid	acyl	Cl	SH	NH <sub>2</sub>
amino acid	acyl	Cl	SH	NH-cyclopropyl
amino acid	acyl	Cl	SH	NH-methyl
amino acid	acyl	Cl	SH	NH-ethyl
amino acid	acyl	Cl	SH	NH-acetyl
amino acid	acyl	Cl	SH	OH
amino acid	acyl	Cl	SH	OMe
amino acid	acyl	Cl	SH	OEt
amino acid	acyl	Cl	SH	O-cyclopropyl



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	Cl	SH	O-acetyl
amino acid	acyl	Cl	SH	SH
amino acid	acyl	Cl	SH	SMe
amino acid	acyl	Cl	SH	SEt
amino acid	acyl	Cl	SH	S-cyclopropyl
amino acid	acyl	Cl	SH	F
amino acid	acyl	Cl	SH	Cl
amino acid	acyl	Cl	SH	Br
amino acid	acyl	Cl	SH	I
acyl	H	Br	SH	H
acyl	H	Br	SH	NH <sub>2</sub>
acyl	H	Br	SH	NH-cyclopropyl
acyl	H	Br	SH	NH-methyl
acyl	H	Br	SH	NH-ethyl
acyl	H	Br	SH	NH-acetyl
acyl	H	Br	SH	OH
acyl	H	Br	SH	OMe
acyl	H	Br	SH	OEt
acyl	H	Br	SH	O-cyclopropyl
acyl	H	Br	SH	O-acetyl
acyl	H	Br	SH	SH
acyl	H	Br	SH	SMe
acyl	H	Br	SH	SEt
acyl	H	Br	SH	S-cyclopropyl
acyl	H	Br	SH	F
acyl	H	Br	SH	Cl
acyl	H	Br	SH	Br
acyl	H	Br	SH	I
acyl	acyl	Br	SH	H
acyl	acyl	Br	SH	NH <sub>2</sub>
acyl	acyl	Br	SH	NH-cyclopropyl
acyl	acyl	Br	SH	NH-methyl
acyl	acyl	Br	SH	NH-ethyl
acyl	acyl	Br	SH	NH-acetyl
acyl	acyl	Br	SH	OH
acyl	acyl	Br	SH	OMe
acyl	acyl	Br	SH	OEt
acyl	acyl	Br	SH	O-cyclopropyl
acyl	acyl	Br	SH	O-acetyl
acyl	acyl	Br	SH	SH
acyl	acyl	Br	SH	SMe
acyl	acyl	Br	SH	SEt
acyl	acyl	Br	SH	S-cyclopropyl
acyl	acyl	Br	SH	F
acyl	acyl	Br	SH	Cl
acyl	acyl	Br	SH	Br
acyl	acyl	Br	SH	I

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	Br	SH	H
acyl	amino acid	Br	SH	NH <sub>2</sub>
acyl	amino acid	Br	SH	NH-cyclopropyl
acyl	amino acid	Br	SH	NH-methyl
acyl	amino acid	Br	SH	NH-ethyl
acyl	amino acid	Br	SH	NH-acetyl
acyl	amino acid	Br	SH	OH
acyl	amino acid	Br	SH	OMe
acyl	amino acid	Br	SH	OEt
acyl	amino acid	Br	SH	O-cyclopropyl
acyl	amino acid	Br	SH	O-acetyl
acyl	amino acid	Br	SH	SH
acyl	amino acid	Br	SH	SMe
acyl	amino acid	Br	SH	SEt
acyl	amino acid	Br	SH	S-cyclopropyl
acyl	amino acid	Br	SH	F
acyl	amino acid	Br	SH	Cl
acyl	amino acid	Br	SH	Br
acyl	amino acid	Br	SH	I
H	acyl	Br	SH	H
H	acyl	Br	SH	NH <sub>2</sub>
H	acyl	Br	SH	NH-cyclopropyl
H	acyl	Br	SH	NH-methyl
H	acyl	Br	SH	NH-ethyl
H	acyl	Br	SH	NH-acetyl
H	acyl	Br	SH	OH
H	acyl	Br	SH	OMe
H	acyl	Br	SH	OEt
H	acyl	Br	SH	O-cyclopropyl
H	acyl	Br	SH	O-acetyl
H	acyl	Br	SH	SH
H	acyl	Br	SH	SMe
H	acyl	Br	SH	SEt
H	acyl	Br	SH	S-cyclopropyl
H	acyl	Br	SH	F
H	acyl	Br	SH	Cl
H	acyl	Br	SH	Br
H	acyl	Br	SH	I
H	amino acid	Br	SH	H
H	amino acid	Br	SH	NH <sub>2</sub>
H	amino acid	Br	SH	NH-cyclopropyl
H	amino acid	Br	SH	NH-methyl
H	amino acid	Br	SH	NH-ethyl
H	amino acid	Br	SH	NH-acetyl
H	amino acid	Br	SH	OH
H	amino acid	Br	SH	OMe
H	amino acid	Br	SH	OEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	Br	SH	O-cyclopropyl
H	amino acid	Br	SH	O-acetyl
H	amino acid	Br	SH	SH
H	amino acid	Br	SH	SMe
H	amino acid	Br	SH	SEt
H	amino acid	Br	SH	S-cyclopropyl
H	amino acid	Br	SH	F
H	amino acid	Br	SH	Cl
H	amino acid	Br	SH	Br
H	amino acid	Br	SH	I
amino acid	amino acid	Br	SH	H
amino acid	amino acid	Br	SH	NH <sub>2</sub>
amino acid	amino acid	Br	SH	NH-cyclopropyl
amino acid	amino acid	Br	SH	NH-methyl
amino acid	amino acid	Br	SH	NH-ethyl
amino acid	amino acid	Br	SH	NH-acetyl
amino acid	amino acid	Br	SH	OH
amino acid	amino acid	Br	SH	OMe
amino acid	amino acid	Br	SH	OEt
amino acid	amino acid	Br	SH	O-cyclopropyl
amino acid	amino acid	Br	SH	O-acetyl
amino acid	amino acid	Br	SH	SH
amino acid	amino acid	Br	SH	SMe
amino acid	amino acid	Br	SH	SEt
amino acid	amino acid	Br	SH	S-cyclopropyl
amino acid	amino acid	Br	SH	F
amino acid	amino acid	Br	SH	Cl
amino acid	amino acid	Br	SH	Br
amino acid	amino acid	Br	SH	I
amino acid	H	Br	SH	H
amino acid	H	Br	SH	NH <sub>2</sub>
amino acid	H	Br	SH	NH-cyclopropyl
amino acid	H	Br	SH	NH-methyl
amino acid	H	Br	SH	NH-ethyl
amino acid	H	Br	SH	NH-acetyl
amino acid	H	Br	SH	OH
amino acid	H	Br	SH	OMe
amino acid	H	Br	SH	OEt
amino acid	H	Br	SH	O-cyclopropyl
amino acid	H	Br	SH	O-acetyl
amino acid	H	Br	SH	SH
amino acid	H	Br	SH	SMe
amino acid	H	Br	SH	SEt
amino acid	H	Br	SH	S-cyclopropyl
amino acid	H	Br	SH	F
amino acid	H	Br	SH	Cl
amino acid	H	Br	SH	Br

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	Br	SH	I
amino acid	acyl	Br	SH	H
amino acid	acyl	Br	SH	NH <sub>2</sub>
amino acid	acyl	Br	SH	NH-cyclopropyl
amino acid	acyl	Br	SH	NH-methyl
amino acid	acyl	Br	SH	NH-ethyl
amino acid	acyl	Br	SH	NH-acetyl
amino acid	acyl	Br	SH	OH
amino acid	acyl	Br	SH	OMe
amino acid	acyl	Br	SH	OEt
amino acid	acyl	Br	SH	O-cyclopropyl
amino acid	acyl	Br	SH	O-acetyl
amino acid	acyl	Br	SH	SH
amino acid	acyl	Br	SH	SMe
amino acid	acyl	Br	SH	SEt
amino acid	acyl	Br	SH	S-cyclopropyl
amino acid	acyl	Br	SH	F
amino acid	acyl	Br	SH	Cl
amino acid	acyl	Br	SH	Br
amino acid	acyl	Br	SH	I
acyl	H	F	F	H
acyl	H	F	F	NH <sub>2</sub>
acyl	H	F	F	NH-cyclopropyl
acyl	H	F	F	NH-methyl
acyl	H	F	F	NH-ethyl
acyl	H	F	F	NH-acetyl
acyl	H	F	F	OH
acyl	H	F	F	OMe
acyl	H	F	F	OEt
acyl	H	F	F	O-cyclopropyl
acyl	H	F	F	O-acetyl
acyl	H	F	F	SH
acyl	H	F	F	SMe
acyl	H	F	F	SEt
acyl	H	F	F	S-cyclopropyl
acyl	H	F	F	F
acyl	H	F	F	Cl
acyl	H	F	F	Br
acyl	H	F	F	I
acyl	acyl	F	F	H
acyl	acyl	F	F	NH <sub>2</sub>
acyl	acyl	F	F	NH-cyclopropyl
acyl	acyl	F	F	NH-methyl
acyl	acyl	F	F	NH-ethyl
acyl	acyl	F	F	NH-acetyl
acyl	acyl	F	F	OH
acyl	acyl	F	F	OMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	acyl	F	F	OEt
acyl	acyl	F	F	O-cyclopropyl
acyl	acyl	F	F	O-acetyl
acyl	acyl	F	F	SH
acyl	acyl	F	F	SMe
acyl	acyl	F	F	SEt
acyl	acyl	F	F	S-cyclopropyl
acyl	acyl	F	F	F
acyl	acyl	F	F	Cl
acyl	acyl	F	F	Br
acyl	acyl	F	F	I
acyl	amino acid	F	F	H
acyl	amino acid	F	F	NH <sub>2</sub>
acyl	amino acid	F	F	NH-cyclopropyl
acyl	amino acid	F	F	NH-methyl
acyl	amino acid	F	F	NH-ethyl
acyl	amino acid	F	F	NH-acetyl
acyl	amino acid	F	F	OH
acyl	amino acid	F	F	OMe
acyl	amino acid	F	F	OEt
acyl	amino acid	F	F	O-cyclopropyl
acyl	amino acid	F	F	O-acetyl
acyl	amino acid	F	F	SH
acyl	amino acid	F	F	SMe
acyl	amino acid	F	F	SEt
acyl	amino acid	F	F	S-cyclopropyl
acyl	amino acid	F	F	F
acyl	amino acid	F	F	Cl
acyl	amino acid	F	F	Br
acyl	amino acid	F	F	I
H	acyl	F	F	H
H	acyl	F	F	NH <sub>2</sub>
H	acyl	F	F	NH-cyclopropyl
H	acyl	F	F	NH-methyl
H	acyl	F	F	NH-ethyl
H	acyl	F	F	NH-acetyl
H	acyl	F	F	OH
H	acyl	F	F	OMe
H	acyl	F	F	OEt
H	acyl	F	F	O-cyclopropyl
H	acyl	F	F	O-acetyl
H	acyl	F	F	SH
H	acyl	F	F	SMe
H	acyl	F	F	SEt
H	acyl	F	F	S-cyclopropyl
H	acyl	F	F	F
H	acyl	F	F	Cl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	F	F	Br
H	acyl	F	F	I
H	amino acid	F	F	H
H	amino acid	F	F	NH <sub>2</sub>
H	amino acid	F	F	NH-cyclopropyl
H	amino acid	F	F	NH-methyl
H	amino acid	F	F	NH-ethyl
H	amino acid	F	F	NH-acetyl
H	amino acid	F	F	OH
H	amino acid	F	F	OMe
H	amino acid	F	F	OEt
H	amino acid	F	F	O-cyclopropyl
H	amino acid	F	F	O-acetyl
H	amino acid	F	F	SH
H	amino acid	F	F	SMe
H	amino acid	F	F	SEt
H	amino acid	F	F	S-cyclopropyl
H	amino acid	F	F	F
H	amino acid	F	F	Cl
H	amino acid	F	F	Br
H	amino acid	F	F	I
amino acid	amino acid	F	F	H
amino acid	amino acid	F	F	NH <sub>2</sub>
amino acid	amino acid	F	F	NH-cyclopropyl
amino acid	amino acid	F	F	NH-methyl
amino acid	amino acid	F	F	NH-ethyl
amino acid	amino acid	F	F	NH-acetyl
amino acid	amino acid	F	F	OH
amino acid	amino acid	F	F	OMe
amino acid	amino acid	F	F	OEt
amino acid	amino acid	F	F	O-cyclopropyl
amino acid	amino acid	F	F	O-acetyl
amino acid	amino acid	F	F	SH
amino acid	amino acid	F	F	SMe
amino acid	amino acid	F	F	SEt
amino acid	amino acid	F	F	S-cyclopropyl
amino acid	amino acid	F	F	F
amino acid	amino acid	F	F	Cl
amino acid	amino acid	F	F	Br
amino acid	amino acid	F	F	I
amino acid	H	F	F	H
amino acid	H	F	F	NH <sub>2</sub>
amino acid	H	F	F	NH-cyclopropyl
amino acid	H	F	F	NH-methyl
amino acid	H	F	F	NH-ethyl
amino acid	H	F	F	NH-acetyl
amino acid	H	F	F	OH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	H	F	F	OMe
amino acid	H	F	F	OEt
amino acid	H	F	F	O-cyclopropyl
amino acid	H	F	F	O-acetyl
amino acid	H	F	F	SH
amino acid	H	F	F	SMe
amino acid	H	F	F	SEt
amino acid	H	F	F	S-cyclopropyl
amino acid	H	F	F	F
amino acid	H	F	F	Cl
amino acid	H	F	F	Br
amino acid	H	F	F	I
amino acid	acyl	F	F	H
amino acid	acyl	F	F	NH <sub>2</sub>
amino acid	acyl	F	F	NH-cyclopropyl
amino acid	acyl	F	F	NH-methyl
amino acid	acyl	F	F	NH-ethyl
amino acid	acyl	F	F	NH-acetyl
amino acid	acyl	F	F	OH
amino acid	acyl	F	F	OMe
amino acid	acyl	F	F	OEt
amino acid	acyl	F	F	O-cyclopropyl
amino acid	acyl	F	F	O-acetyl
amino acid	acyl	F	F	SH
amino acid	acyl	F	F	SMe
amino acid	acyl	F	F	SEt
amino acid	acyl	F	F	S-cyclopropyl
amino acid	acyl	F	F	F
amino acid	acyl	F	F	Cl
amino acid	acyl	F	F	Br
amino acid	acyl	F	F	I
acyl	H	Cl	Cl	H
acyl	H	Cl	Cl	NH <sub>2</sub>
acyl	H	Cl	Cl	NH-cyclopropyl
acyl	H	Cl	Cl	NH-methyl
acyl	H	Cl	Cl	NH-ethyl
acyl	H	Cl	Cl	NH-acetyl
acyl	H	Cl	Cl	OH
acyl	H	Cl	Cl	OMe
acyl	H	Cl	Cl	OEt
acyl	H	Cl	Cl	O-cyclopropyl
acyl	H	Cl	Cl	O-acetyl
acyl	H	Cl	Cl	SH
acyl	H	Cl	Cl	SMe
acyl	H	Cl	Cl	SEt
acyl	H	Cl	Cl	S-cyclopropyl
acyl	H	Cl	Cl	F

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	Cl	Cl	Cl
acyl	H	Cl	Cl	Br
acyl	H	Cl	Cl	I
acyl	acyl	Cl	Cl	H
acyl	acyl	Cl	Cl	NH <sub>2</sub>
acyl	acyl	Cl	Cl	NH-cyclopropyl
acyl	acyl	Cl	Cl	NH-methyl
acyl	acyl	Cl	Cl	NH-ethyl
acyl	acyl	Cl	Cl	NH-acetyl
acyl	acyl	Cl	Cl	OH
acyl	acyl	Cl	Cl	OMe
acyl	acyl	Cl	Cl	OEt
acyl	acyl	Cl	Cl	O-cyclopropyl
acyl	acyl	Cl	Cl	O-acetyl
acyl	acyl	Cl	Cl	SH
acyl	acyl	Cl	Cl	SMe
acyl	acyl	Cl	Cl	SEt
acyl	acyl	Cl	Cl	S-cyclopropyl
acyl	acyl	Cl	Cl	F
acyl	acyl	Cl	Cl	Cl
acyl	acyl	Cl	Cl	Br
acyl	acyl	Cl	Cl	I
acyl	amino acid	Cl	Cl	H
acyl	amino acid	Cl	Cl	NH <sub>2</sub>
acyl	amino acid	Cl	Cl	NH-cyclopropyl
acyl	amino acid	Cl	Cl	NH-methyl
acyl	amino acid	Cl	Cl	NH-ethyl
acyl	amino acid	Cl	Cl	NH-acetyl
acyl	amino acid	Cl	Cl	OH
acyl	amino acid	Cl	Cl	OMe
acyl	amino acid	Cl	Cl	OEt
acyl	amino acid	Cl	Cl	O-cyclopropyl
acyl	amino acid	Cl	Cl	O-acetyl
acyl	amino acid	Cl	Cl	SH
acyl	amino acid	Cl	Cl	SMe
acyl	amino acid	Cl	Cl	SEt
acyl	amino acid	Cl	Cl	S-cyclopropyl
acyl	amino acid	Cl	Cl	F
acyl	amino acid	Cl	Cl	Cl
acyl	amino acid	Cl	Cl	Br
acyl	amino acid	Cl	Cl	I
H	acyl	Cl	Cl	H
H	acyl	Cl	Cl	NH <sub>2</sub>
H	acyl	Cl	Cl	NH-cyclopropyl
H	acyl	Cl	Cl	NH-methyl
H	acyl	Cl	Cl	NH-ethyl
H	acyl	Cl	Cl	NH-acetyl



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	acyl	Cl	Cl	OH
H	acyl	Cl	Cl	OMe
H	acyl	Cl	Cl	OEt
H	acyl	Cl	Cl	O-cyclopropyl
H	acyl	Cl	Cl	O-acetyl
H	acyl	Cl	Cl	SH
H	acyl	Cl	Cl	SMe
H	acyl	Cl	Cl	SEt
H	acyl	Cl	Cl	S-cyclopropyl
H	acyl	Cl	Cl	F
H	acyl	Cl	Cl	Cl
H	acyl	Cl	Cl	Br
H	acyl	Cl	Cl	I
H	amino acid	Cl	Cl	H
H	amino acid	Cl	Cl	NH <sub>2</sub>
H	amino acid	Cl	Cl	NH-cyclopropyl
H	amino acid	Cl	Cl	NH-methyl
H	amino acid	Cl	Cl	NH-ethyl
H	amino acid	Cl	Cl	NH-acetyl
H	amino acid	Cl	Cl	OH
H	amino acid	Cl	Cl	OMe
H	amino acid	Cl	Cl	OEt
H	amino acid	Cl	Cl	O-cyclopropyl
H	amino acid	Cl	Cl	O-acetyl
H	amino acid	Cl	Cl	SH
H	amino acid	Cl	Cl	SMe
H	amino acid	Cl	Cl	SEt
H	amino acid	Cl	Cl	S-cyclopropyl
H	amino acid	Cl	Cl	F
H	amino acid	Cl	Cl	Cl
H	amino acid	Cl	Cl	Br
H	amino acid	Cl	Cl	I
amino acid	amino acid	Cl	Cl	H
amino acid	amino acid	Cl	Cl	NH <sub>2</sub>
amino acid	amino acid	Cl	Cl	NH-cyclopropyl
amino acid	amino acid	Cl	Cl	NH-methyl
amino acid	amino acid	Cl	Cl	NH-ethyl
amino acid	amino acid	Cl	Cl	NH-acetyl
amino acid	amino acid	Cl	Cl	OH
amino acid	amino acid	Cl	Cl	OMe
amino acid	amino acid	Cl	Cl	OEt
amino acid	amino acid	Cl	Cl	O-cyclopropyl
amino acid	amino acid	Cl	Cl	O-acetyl
amino acid	amino acid	Cl	Cl	SH
amino acid	amino acid	Cl	Cl	SMe
amino acid	amino acid	Cl	Cl	SEt
amino acid	amino acid	Cl	Cl	S-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	Cl	Cl	F
amino acid	amino acid	Cl	Cl	Cl
amino acid	amino acid	Cl	Cl	Br
amino acid	amino acid	Cl	Cl	I
amino acid	H	Cl	Cl	H
amino acid	H	Cl	Cl	NH <sub>2</sub>
amino acid	H	Cl	Cl	NH-cyclopropyl
amino acid	H	Cl	Cl	NH-methyl
amino acid	H	Cl	Cl	NH-ethyl
amino acid	H	Cl	Cl	NH-acetyl
amino acid	H	Cl	Cl	OH
amino acid	H	Cl	Cl	OMe
amino acid	H	Cl	Cl	OEt
amino acid	H	Cl	Cl	O-cyclopropyl
amino acid	H	Cl	Cl	O-acetyl
amino acid	H	Cl	Cl	SH
amino acid	H	Cl	Cl	SMe
amino acid	H	Cl	Cl	SEt
amino acid	H	Cl	Cl	S-cyclopropyl
amino acid	H	Cl	Cl	F
amino acid	H	Cl	Cl	Cl
amino acid	H	Cl	Cl	Br
amino acid	H	Cl	Cl	I
amino acid	acyl	Cl	Cl	H
amino acid	acyl	Cl	Cl	NH <sub>2</sub>
amino acid	acyl	Cl	Cl	NH-cyclopropyl
amino acid	acyl	Cl	Cl	NH-methyl
amino acid	acyl	Cl	Cl	NH-ethyl
amino acid	acyl	Cl	Cl	NH-acetyl
amino acid	acyl	Cl	Cl	OH
amino acid	acyl	Cl	Cl	OMe
amino acid	acyl	Cl	Cl	OEt
amino acid	acyl	Cl	Cl	O-cyclopropyl
amino acid	acyl	Cl	Cl	O-acetyl
amino acid	acyl	Cl	Cl	SH
amino acid	acyl	Cl	Cl	SMe
amino acid	acyl	Cl	Cl	SEt
amino acid	acyl	Cl	Cl	S-cyclopropyl
amino acid	acyl	Cl	Cl	F
amino acid	acyl	Cl	Cl	Cl
amino acid	acyl	Cl	Cl	Br
amino acid	acyl	Cl	Cl	I
acyl	H	OH	OH	H
acyl	H	OH	OH	NH <sub>2</sub>
acyl	H	OH	OH	NH-cyclopropyl
acyl	H	OH	OH	NH-methyl
acyl	H	OH	OH	NH-ethyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	H	OH	OH	NH-acetyl
acyl	H	OH	OH	OH
acyl	H	OH	OH	OMe
acyl	H	OH	OH	OEt
acyl	H	OH	OH	O-cyclopropyl
acyl	H	OH	OH	O-acetyl
acyl	H	OH	OH	SH
acyl	H	OH	OH	SMe
acyl	H	OH	OH	SEt
acyl	H	OH	OH	S-cyclopropyl
acyl	H	OH	OH	F
acyl	H	OH	OH	Cl
acyl	H	OH	OH	Br
acyl	H	OH	OH	I
acyl	acyl	OH	OH	H
acyl	acyl	OH	OH	NH <sub>2</sub>
acyl	acyl	OH	OH	NH-cyclopropyl
acyl	acyl	OH	OH	NH-methyl
acyl	acyl	OH	OH	NH-ethyl
acyl	acyl	OH	OH	NH-acetyl
acyl	acyl	OH	OH	OH
acyl	acyl	OH	OH	OMe
acyl	acyl	OH	OH	OEt
acyl	acyl	OH	OH	O-cyclopropyl
acyl	acyl	OH	OH	O-acetyl
acyl	acyl	OH	OH	SH
acyl	acyl	OH	OH	SMe
acyl	acyl	OH	OH	SEt
acyl	acyl	OH	OH	S-cyclopropyl
acyl	acyl	OH	OH	F
acyl	acyl	OH	OH	Cl
acyl	acyl	OH	OH	Br
acyl	acyl	OH	OH	I
acyl	amino acid	OH	OH	H
acyl	amino acid	OH	OH	NH <sub>2</sub>
acyl	amino acid	OH	OH	NH-cyclopropyl
acyl	amino acid	OH	OH	NH-methyl
acyl	amino acid	OH	OH	NH-ethyl
acyl	amino acid	OH	OH	NH-acetyl
acyl	amino acid	OH	OH	OH
acyl	amino acid	OH	OH	OMe
acyl	amino acid	OH	OH	OEt
acyl	amino acid	OH	OH	O-cyclopropyl
acyl	amino acid	OH	OH	O-acetyl
acyl	amino acid	OH	OH	SH
acyl	amino acid	OH	OH	SMe
acyl	amino acid	OH	OH	SEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	OH	OH	S-cyclopropyl
acyl	amino acid	OH	OH	F
acyl	amino acid	OH	OH	Cl
acyl	amino acid	OH	OH	Br
acyl	amino acid	OH	OH	I
H	acyl	OH	OH	H
H	acyl	OH	OH	NH <sub>2</sub>
H	acyl	OH	OH	NH-cyclopropyl
H	acyl	OH	OH	NH-methyl
H	acyl	OH	OH	NH-ethyl
H	acyl	OH	OH	NH-acetyl
H	acyl	OH	OH	OH
H	acyl	OH	OH	OMe
H	acyl	OH	OH	OEt
H	acyl	OH	OH	O-cyclopropyl
H	acyl	OH	OH	O-acetyl
H	acyl	OH	OH	SH
H	acyl	OH	OH	SMe
H	acyl	OH	OH	SEt
H	acyl	OH	OH	S-cyclopropyl
H	acyl	OH	OH	F
H	acyl	OH	OH	Cl
H	acyl	OH	OH	Br
H	acyl	OH	OH	I
H	amino acid	OH	OH	H
H	amino acid	OH	OH	NH <sub>2</sub>
H	amino acid	OH	OH	NH-cyclopropyl
H	amino acid	OH	OH	NH-methyl
H	amino acid	OH	OH	NH-ethyl
H	amino acid	OH	OH	NH-acetyl
H	amino acid	OH	OH	OH
H	amino acid	OH	OH	OMe
H	amino acid	OH	OH	OEt
H	amino acid	OH	OH	O-cyclopropyl
H	amino acid	OH	OH	O-acetyl
H	amino acid	OH	OH	SH
H	amino acid	OH	OH	SMe
H	amino acid	OH	OH	SEt
H	amino acid	OH	OH	S-cyclopropyl
H	amino acid	OH	OH	F
H	amino acid	OH	OH	Cl
H	amino acid	OH	OH	Br
H	amino acid	OH	OH	I
amino acid	amino acid	OH	OH	H
amino acid	amino acid	OH	OH	NH <sub>2</sub>
amino acid	amino acid	OH	OH	NH-cyclopropyl
amino acid	amino acid	OH	OH	NH-methyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	amino acid	OH	OH	NH-ethyl
amino acid	amino acid	OH	OH	NH-acetyl
amino acid	amino acid	OH	OH	OH
amino acid	amino acid	OH	OH	OMe
amino acid	amino acid	OH	OH	OEt
amino acid	amino acid	OH	OH	O-cyclopropyl
amino acid	amino acid	OH	OH	O-acetyl
amino acid	amino acid	OH	OH	SH
amino acid	amino acid	OH	OH	SMe
amino acid	amino acid	OH	OH	SEt
amino acid	amino acid	OH	OH	S-cyclopropyl
amino acid	amino acid	OH	OH	F
amino acid	amino acid	OH	OH	Cl
amino acid	amino acid	OH	OH	Br
amino acid	amino acid	OH	OH	I
amino acid	H	OH	OH	H
amino acid	H	OH	OH	NH <sub>2</sub>
amino acid	H	OH	OH	NH-cyclopropyl
amino acid	H	OH	OH	NH-methyl
amino acid	H	OH	OH	NH-ethyl
amino acid	H	OH	OH	NH-acetyl
amino acid	H	OH	OH	OH
amino acid	H	OH	OH	OMe
amino acid	H	OH	OH	OEt
amino acid	H	OH	OH	O-cyclopropyl
amino acid	H	OH	OH	O-acetyl
amino acid	H	OH	OH	SH
amino acid	H	OH	OH	SMe
amino acid	H	OH	OH	SEt
amino acid	H	OH	OH	S-cyclopropyl
amino acid	H	OH	OH	F
amino acid	H	OH	OH	Cl
amino acid	H	OH	OH	Br
amino acid	H	OH	OH	I
amino acid	acyl	OH	OH	H
amino acid	acyl	OH	OH	NH <sub>2</sub>
amino acid	acyl	OH	OH	NH-cyclopropyl
amino acid	acyl	OH	OH	NH-methyl
amino acid	acyl	OH	OH	NH-ethyl
amino acid	acyl	OH	OH	NH-acetyl
amino acid	acyl	OH	OH	OH
amino acid	acyl	OH	OH	OMe
amino acid	acyl	OH	OH	OEt
amino acid	acyl	OH	OH	O-cyclopropyl
amino acid	acyl	OH	OH	O-acetyl
amino acid	acyl	OH	OH	SH
amino acid	acyl	OH	OH	SMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	OH	OH	SEt
amino acid	acyl	OH	OH	S-cyclopropyl
amino acid	acyl	OH	OH	F
amino acid	acyl	OH	OH	Cl
amino acid	acyl	OH	OH	Br
amino acid	acyl	OH	OH	I
acyl	H	SH	SH	H
acyl	H	SH	SH	NH <sub>2</sub>
acyl	H	SH	SH	NH-cyclopropyl
acyl	H	SH	SH	NH-methyl
acyl	H	SH	SH	NH-ethyl
acyl	H	SH	SH	NH-acetyl
acyl	H	SH	SH	OH
acyl	H	SH	SH	OMe
acyl	H	SH	SH	OEt
acyl	H	SH	SH	O-cyclopropyl
acyl	H	SH	SH	O-acetyl
acyl	H	SH	SH	SH
acyl	H	SH	SH	SMe
acyl	H	SH	SH	SEt
acyl	H	SH	SH	S-cyclopropyl
acyl	H	SH	SH	F
acyl	H	SH	SH	Cl
acyl	H	SH	SH	Br
acyl	H	SH	SH	I
acyl	acyl	SH	SH	H
acyl	acyl	SH	SH	NH <sub>2</sub>
acyl	acyl	SH	SH	NH-cyclopropyl
acyl	acyl	SH	SH	NH-methyl
acyl	acyl	SH	SH	NH-ethyl
acyl	acyl	SH	SH	NH-acetyl
acyl	acyl	SH	SH	OH
acyl	acyl	SH	SH	OMe
acyl	acyl	SH	SH	OEt
acyl	acyl	SH	SH	O-cyclopropyl
acyl	acyl	SH	SH	O-acetyl
acyl	acyl	SH	SH	SH
acyl	acyl	SH	SH	SMe
acyl	acyl	SH	SH	SEt
acyl	acyl	SH	SH	S-cyclopropyl
acyl	acyl	SH	SH	F
acyl	acyl	SH	SH	Cl
acyl	acyl	SH	SH	Br
acyl	acyl	SH	SH	I
acyl	amino acid	SH	SH	H
acyl	amino acid	SH	SH	NH <sub>2</sub>
acyl	amino acid	SH	SH	NH-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
acyl	amino acid	SH	SH	NH-methyl
acyl	amino acid	SH	SH	NH-ethyl
acyl	amino acid	SH	SH	NH-acetyl
acyl	amino acid	SH	SH	OH
acyl	amino acid	SH	SH	OMe
acyl	amino acid	SH	SH	OEt
acyl	amino acid	SH	SH	O-cyclopropyl
acyl	amino acid	SH	SH	O-acetyl
acyl	amino acid	SH	SH	SH
acyl	amino acid	SH	SH	SMe
acyl	amino acid	SH	SH	SEt
acyl	amino acid	SH	SH	S-cyclopropyl
acyl	amino acid	SH	SH	F
acyl	amino acid	SH	SH	Cl
acyl	amino acid	SH	SH	Br
acyl	amino acid	SH	SH	I
H	acyl	SH	SH	H
H	acyl	SH	SH	NH <sub>2</sub>
H	acyl	SH	SH	NH-cyclopropyl
H	acyl	SH	SH	NH-methyl
H	acyl	SH	SH	NH-ethyl
H	acyl	SH	SH	NH-acetyl
H	acyl	SH	SH	OH
H	acyl	SH	SH	OMe
H	acyl	SH	SH	OEt
H	acyl	SH	SH	O-cyclopropyl
H	acyl	SH	SH	O-acetyl
H	acyl	SH	SH	SH
H	acyl	SH	SH	SMe
H	acyl	SH	SH	SEt
H	acyl	SH	SH	S-cyclopropyl
H	acyl	SH	SH	F
H	acyl	SH	SH	Cl
H	acyl	SH	SH	Br
H	acyl	SH	SH	I
H	amino acid	SH	SH	H
H	amino acid	SH	SH	NH <sub>2</sub>
H	amino acid	SH	SH	NH-cyclopropyl
H	amino acid	SH	SH	NH-methyl
H	amino acid	SH	SH	NH-ethyl
H	amino acid	SH	SH	NH-acetyl
H	amino acid	SH	SH	OH
H	amino acid	SH	SH	OMe
H	amino acid	SH	SH	OEt
H	amino acid	SH	SH	O-cyclopropyl
H	amino acid	SH	SH	O-acetyl
H	amino acid	SH	SH	SH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
H	amino acid	SH	SH	SMe
H	amino acid	SH	SH	SEt
H	amino acid	SH	SH	S-cyclopropyl
H	amino acid	SH	SH	F
H	amino acid	SH	SH	Cl
H	amino acid	SH	SH	Br
H	amino acid	SH	SH	I
amino acid	amino acid	SH	SH	H
amino acid	amino acid	SH	SH	NH <sub>2</sub>
amino acid	amino acid	SH	SH	NH-cyclopropyl
amino acid	amino acid	SH	SH	NH-methyl
amino acid	amino acid	SH	SH	NH-ethyl
amino acid	amino acid	SH	SH	NH-acetyl
amino acid	amino acid	SH	SH	OH
amino acid	amino acid	SH	SH	OMe
amino acid	amino acid	SH	SH	OEt
amino acid	amino acid	SH	SH	O-cyclopropyl
amino acid	amino acid	SH	SH	O-acetyl
amino acid	amino acid	SH	SH	SH
amino acid	amino acid	SH	SH	SMe
amino acid	amino acid	SH	SH	SEt
amino acid	amino acid	SH	SH	S-cyclopropyl
amino acid	amino acid	SH	SH	F
amino acid	amino acid	SH	SH	Cl
amino acid	amino acid	SH	SH	Br
amino acid	amino acid	SH	SH	I
amino acid	H	SH	SH	H
amino acid	H	SH	SH	NH <sub>2</sub>
amino acid	H	SH	SH	NH-cyclopropyl
amino acid	H	SH	SH	NH-methyl
amino acid	H	SH	SH	NH-ethyl
amino acid	H	SH	SH	NH-acetyl
amino acid	H	SH	SH	OH
amino acid	H	SH	SH	OMe
amino acid	H	SH	SH	OEt
amino acid	H	SH	SH	O-cyclopropyl
amino acid	H	SH	SH	O-acetyl
amino acid	H	SH	SH	SH
amino acid	H	SH	SH	SMe
amino acid	H	SH	SH	SEt
amino acid	H	SH	SH	S-cyclopropyl
amino acid	H	SH	SH	F
amino acid	H	SH	SH	Cl
amino acid	H	SH	SH	Br
amino acid	H	SH	SH	I
amino acid	acyl	SH	SH	H
amino acid	acyl	SH	SH	NH <sub>2</sub>



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	X <sup>2</sup>	Y
amino acid	acyl	SH	SH	NH-cyclopropyl
amino acid	acyl	SH	SH	NH-methyl
amino acid	acyl	SH	SH	NH-ethyl
amino acid	acyl	SH	SH	NH-acetyl
amino acid	acyl	SH	SH	OH
amino acid	acyl	SH	SH	OMe
amino acid	acyl	SH	SH	OEt
amino acid	acyl	SH	SH	O-cyclopropyl
amino acid	acyl	SH	SH	O-acetyl
amino acid	acyl	SH	SH	SH
amino acid	acyl	SH	SH	SMe
amino acid	acyl	SH	SH	SEt
amino acid	acyl	SH	SH	S-cyclopropyl
amino acid	acyl	SH	SH	F
amino acid	acyl	SH	SH	Cl
amino acid	acyl	SH	SH	Br
amino acid	acyl	SH	SH	I

Table 14

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
acyl	H	H	H
acyl	H	H	NH <sub>2</sub>
acyl	H	H	NH-cyclopropyl
acyl	H	H	NH-methyl
acyl	H	H	NH-ethyl
acyl	H	H	NH-acetyl
acyl	H	H	OH
acyl	H	H	OMe
acyl	H	H	OEt
acyl	H	H	O-cyclopropyl
acyl	H	H	O-acetyl
acyl	H	H	SH
acyl	H	H	SMe
acyl	H	H	SEt
acyl	H	H	S-cyclopropyl
acyl	H	H	F
acyl	H	H	Cl
acyl	H	H	Br
acyl	H	H	I
acyl	acyl	H	H
acyl	acyl	H	NH <sub>2</sub>
acyl	acyl	H	NH-cyclopropyl
acyl	acyl	H	NH-methyl
acyl	acyl	H	NH-ethyl
acyl	acyl	H	NH-acetyl
acyl	acyl	H	OH
acyl	acyl	H	OMe
acyl	acyl	H	OEt
acyl	acyl	H	O-cyclopropyl
acyl	acyl	H	O-acetyl
acyl	acyl	H	SH
acyl	acyl	H	SMe
acyl	acyl	H	SEt
acyl	acyl	H	S-cyclopropyl
acyl	acyl	H	F
acyl	acyl	H	Cl
acyl	acyl	H	Br
acyl	acyl	H	I
acyl	amino acid	H	H
acyl	amino acid	H	NH <sub>2</sub>
acyl	amino acid	H	NH-cyclopropyl
acyl	amino acid	H	NH-methyl
acyl	amino acid	H	NH-ethyl
acyl	amino acid	H	NH-acetyl
acyl	amino acid	H	OH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
acyl	amino acid	H	OMe
acyl	amino acid	H	OEt
acyl	amino acid	H	O-cyclopropyl
acyl	amino acid	H	O-acetyl
acyl	amino acid	H	SH
acyl	amino acid	H	SMe
acyl	amino acid	H	SEt
acyl	amino acid	H	S-cyclopropyl
acyl	amino acid	H	F
acyl	amino acid	H	Cl
acyl	amino acid	H	Br
acyl	amino acid	H	I
H	acyl	H	H
H	acyl	H	NH <sub>2</sub>
H	acyl	H	NH-cyclopropyl
H	acyl	H	NH-methyl
H	acyl	H	NH-ethyl
H	acyl	H	NH-acetyl
H	acyl	H	OH
H	acyl	H	OMe
H	acyl	H	OEt
H	acyl	H	O-cyclopropyl
H	acyl	H	O-acetyl
H	acyl	H	SH
H	acyl	H	SMe
H	acyl	H	SEt
H	acyl	H	S-cyclopropyl
H	acyl	H	F
H	acyl	H	Cl
H	acyl	H	Br
H	acyl	H	I
H	amino acid	H	H
H	amino acid	H	NH <sub>2</sub>
H	amino acid	H	NH-cyclopropyl
H	amino acid	H	NH-methyl
H	amino acid	H	NH-ethyl
H	amino acid	H	NH-acetyl
H	amino acid	H	OH
H	amino acid	H	OMe
H	amino acid	H	OEt
H	amino acid	H	O-cyclopropyl
H	amino acid	H	O-acetyl
H	amino acid	H	SH
H	amino acid	H	SMe
H	amino acid	H	SEt
H	amino acid	H	S-cyclopropyl
H	amino acid	H	F

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
H	amino acid	H	Cl
H	amino acid	H	Br
H	amino acid	H	I
amino acid	amino acid	H	H
amino acid	amino acid	H	NH <sub>2</sub>
amino acid	amino acid	H	NH-cyclopropyl
amino acid	amino acid	H	NH-methyl
amino acid	amino acid	H	NH-ethyl
amino acid	amino acid	H	NH-acetyl
amino acid	amino acid	H	OH
amino acid	amino acid	H	OMe
amino acid	amino acid	H	OEt
amino acid	amino acid	H	O-cyclopropyl
amino acid	amino acid	H	O-acetyl
amino acid	amino acid	H	SH
amino acid	amino acid	H	SMe
amino acid	amino acid	H	SEt
amino acid	amino acid	H	S-cyclopropyl
amino acid	amino acid	H	F
amino acid	amino acid	H	Cl
amino acid	amino acid	H	Br
amino acid	amino acid	H	I
amino acid	H	H	H
amino acid	H	H	NH <sub>2</sub>
amino acid	H	H	NH-cyclopropyl
amino acid	H	H	NH-methyl
amino acid	H	H	NH-ethyl
amino acid	H	H	NH-acetyl
amino acid	H	H	OH
amino acid	H	H	OMe
amino acid	H	H	OEt
amino acid	H	H	O-cyclopropyl
amino acid	H	H	O-acetyl
amino acid	H	H	SH
amino acid	H	H	SMe
amino acid	H	H	SEt
amino acid	H	H	S-cyclopropyl
amino acid	H	H	F
amino acid	H	H	Cl
amino acid	H	H	Br
amino acid	H	H	I
amino acid	acyl	H	H
amino acid	acyl	H	NH <sub>2</sub>
amino acid	acyl	H	NH-cyclopropyl
amino acid	acyl	H	NH-methyl
amino acid	acyl	H	NH-ethyl
amino acid	acyl	H	NH-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
amino acid	acyl	H	OH
amino acid	acyl	H	OMe
amino acid	acyl	H	OEt
amino acid	acyl	H	O-cyclopropyl
amino acid	acyl	H	O-acetyl
amino acid	acyl	H	SH
amino acid	acyl	H	SMe
amino acid	acyl	H	SEt
amino acid	acyl	H	S-cyclopropyl
amino acid	acyl	H	F
amino acid	acyl	H	Cl
amino acid	acyl	H	Br
amino acid	acyl	H	I
acyl	H	SH	H
acyl	H	SH	NH <sub>2</sub>
acyl	H	SH	NH-cyclopropyl
acyl	H	SH	NH-methyl
acyl	H	SH	NH-ethyl
acyl	H	SH	NH-acetyl
acyl	H	SH	OH
acyl	H	SH	OMe
acyl	H	SH	OEt
acyl	H	SH	O-cyclopropyl
acyl	H	SH	O-acetyl
acyl	H	SH	SH
acyl	H	SH	SMe
acyl	H	SH	SEt
acyl	H	SH	S-cyclopropyl
acyl	H	SH	F
acyl	H	SH	Cl
acyl	H	SH	Br
acyl	H	SH	I
acyl	acyl	SH	H
acyl	acyl	SH	NH <sub>2</sub>
acyl	acyl	SH	NH-cyclopropyl
acyl	acyl	SH	NH-methyl
acyl	acyl	SH	NH-ethyl
acyl	acyl	SH	NH-acetyl
acyl	acyl	SH	OH
acyl	acyl	SH	OMe
acyl	acyl	SH	OEt
acyl	acyl	SH	O-cyclopropyl
acyl	acyl	SH	O-acetyl
acyl	acyl	SH	SH
acyl	acyl	SH	SMe
acyl	acyl	SH	SEt
acyl	acyl	SH	S-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
acyl	acyl	SH	F
acyl	acyl	SH	Cl
acyl	acyl	SH	Br
acyl	acyl	SH	I
acyl	amino acid	SH	H
acyl	amino acid	SH	NH <sub>2</sub>
acyl	amino acid	SH	NH-cyclopropyl
acyl	amino acid	SH	NH-methyl
acyl	amino acid	SH	NH-ethyl
acyl	amino acid	SH	NH-acetyl
acyl	amino acid	SH	OH
acyl	amino acid	SH	OMe
acyl	amino acid	SH	OEt
acyl	amino acid	SH	O-cyclopropyl
acyl	amino acid	SH	O-acetyl
acyl	amino acid	SH	SH
acyl	amino acid	SH	SMe
acyl	amino acid	SH	SEt
acyl	amino acid	SH	S-cyclopropyl
acyl	amino acid	SH	F
acyl	amino acid	SH	Cl
acyl	amino acid	SH	Br
acyl	amino acid	SH	I
H	acyl	SH	H
H	acyl	SH	NH <sub>2</sub>
H	acyl	SH	NH-cyclopropyl
H	acyl	SH	NH-methyl
H	acyl	SH	NH-ethyl
H	acyl	SH	NH-acetyl
H	acyl	SH	OH
H	acyl	SH	OMe
H	acyl	SH	OEt
H	acyl	SH	O-cyclopropyl
H	acyl	SH	O-acetyl
H	acyl	SH	SH
H	acyl	SH	SMe
H	acyl	SH	SEt
H	acyl	SH	S-cyclopropyl
H	acyl	SH	F
H	acyl	SH	Cl
H	acyl	SH	Br
H	acyl	SH	I
H	amino acid	SH	H
H	amino acid	SH	NH <sub>2</sub>
H	amino acid	SH	NH-cyclopropyl
H	amino acid	SH	NH-methyl
H	amino acid	SH	NH-ethyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
H	amino acid	SH	NH-acetyl
H	amino acid	SH	OH
H	amino acid	SH	OMe
H	amino acid	SH	OEt
H	amino acid	SH	O-cyclopropyl
H	amino acid	SH	O-acetyl
H	amino acid	SH	SH
H	amino acid	SH	SMe
H	amino acid	SH	SEt
H	amino acid	SH	S-cyclopropyl
H	amino acid	SH	F
H	amino acid	SH	Cl
H	amino acid	SH	Br
H	amino acid	SH	I
amino acid	amino acid	SH	H
amino acid	amino acid	SH	NH <sub>2</sub>
amino acid	amino acid	SH	NH-cyclopropyl
amino acid	amino acid	SH	NH-methyl
amino acid	amino acid	SH	NH-ethyl
amino acid	amino acid	SH	NH-acetyl
amino acid	amino acid	SH	OH
amino acid	amino acid	SH	OMe
amino acid	amino acid	SH	OEt
amino acid	amino acid	SH	O-cyclopropyl
amino acid	amino acid	SH	O-acetyl
amino acid	amino acid	SH	SH
amino acid	amino acid	SH	SMe
amino acid	amino acid	SH	SEt
amino acid	amino acid	SH	S-cyclopropyl
amino acid	amino acid	SH	F
amino acid	amino acid	SH	Cl
amino acid	amino acid	SH	Br
amino acid	amino acid	SH	I
amino acid	H	SH	H
amino acid	H	SH	NH <sub>2</sub>
amino acid	H	SH	NH-cyclopropyl
amino acid	H	SH	NH-methyl
amino acid	H	SH	NH-ethyl
amino acid	H	SH	NH-acetyl
amino acid	H	SH	OH
amino acid	H	SH	OMe
amino acid	H	SH	OEt
amino acid	H	SH	O-cyclopropyl
amino acid	H	SH	O-acetyl
amino acid	H	SH	SH
amino acid	H	SH	SMe
amino acid	H	SH	SEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
amino acid	H	SH	S-cyclopropyl
amino acid	H	SH	F
amino acid	H	SH	Cl
amino acid	H	SH	Br
amino acid	H	SH	I
amino acid	acyl	SH	H
amino acid	acyl	SH	NH <sub>2</sub>
amino acid	acyl	SH	NH-cyclopropyl
amino acid	acyl	SH	NH-methyl
amino acid	acyl	SH	NH-ethyl
amino acid	acyl	SH	NH-acetyl
amino acid	acyl	SH	OH
amino acid	acyl	SH	OMe
amino acid	acyl	SH	OEt
amino acid	acyl	SH	O-cyclopropyl
amino acid	acyl	SH	O-acetyl
amino acid	acyl	SH	SH
amino acid	acyl	SH	SMe
amino acid	acyl	SH	SEt
amino acid	acyl	SH	S-cyclopropyl
amino acid	acyl	SH	F
amino acid	acyl	SH	Cl
amino acid	acyl	SH	Br
amino acid	acyl	SH	I
acyl	H	Cl	H
acyl	H	Cl	NH <sub>2</sub>
acyl	H	Cl	NH-cyclopropyl
acyl	H	Cl	NH-methyl
acyl	H	Cl	NH-ethyl
acyl	H	Cl	NH-acetyl
acyl	H	Cl	OH
acyl	H	Cl	OMe
acyl	H	Cl	OEt
acyl	H	Cl	O-cyclopropyl
acyl	H	Cl	O-acetyl
acyl	H	Cl	SH
acyl	H	Cl	SMe
acyl	H	Cl	SEt
acyl	H	Cl	S-cyclopropyl
acyl	H	Cl	F
acyl	H	Cl	Cl
acyl	H	Cl	Br
acyl	H	Cl	I
acyl	acyl	Cl	H
acyl	acyl	Cl	NH <sub>2</sub>
acyl	acyl	Cl	NH-cyclopropyl
acyl	acyl	Cl	NH-methyl



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
acyl	acyl	Cl	NH-ethyl
acyl	acyl	Cl	NH-acetyl
acyl	acyl	Cl	OH
acyl	acyl	Cl	OMe
acyl	acyl	Cl	OEt
acyl	acyl	Cl	O-cyclopropyl
acyl	acyl	Cl	O-acetyl
acyl	acyl	Cl	SH
acyl	acyl	Cl	SMe
acyl	acyl	Cl	SEt
acyl	acyl	Cl	S-cyclopropyl
acyl	acyl	Cl	F
acyl	acyl	Cl	Cl
acyl	acyl	Cl	Br
acyl	acyl	Cl	I
acyl	amino acid	Cl	H
acyl	amino acid	Cl	NH <sub>2</sub>
acyl	amino acid	Cl	NH-cyclopropyl
acyl	amino acid	Cl	NH-methyl
acyl	amino acid	Cl	NH-ethyl
acyl	amino acid	Cl	NH-acetyl
acyl	amino acid	Cl	OH
acyl	amino acid	Cl	OMe
acyl	amino acid	Cl	OEt
acyl	amino acid	Cl	O-cyclopropyl
acyl	amino acid	Cl	O-acetyl
acyl	amino acid	Cl	SH
acyl	amino acid	Cl	SMe
acyl	amino acid	Cl	SEt
acyl	amino acid	Cl	S-cyclopropyl
acyl	amino acid	Cl	F
acyl	amino acid	Cl	Cl
acyl	amino acid	Cl	Br
acyl	amino acid	Cl	I
H	acyl	Cl	H
H	acyl	Cl	NH <sub>2</sub>
H	acyl	Cl	NH-cyclopropyl
H	acyl	Cl	NH-methyl
H	acyl	Cl	NH-ethyl
H	acyl	Cl	NH-acetyl
H	acyl	Cl	OH
H	acyl	Cl	OMe
H	acyl	Cl	OEt
H	acyl	Cl	O-cyclopropyl
H	acyl	Cl	O-acetyl
H	acyl	Cl	SH
H	acyl	Cl	SMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
H	acyl	Cl	SEt
H	acyl	Cl	S-cyclopropyl
H	acyl	Cl	F
H	acyl	Cl	Cl
H	acyl	Cl	Br
H	acyl	Cl	I
H	amino acid	Cl	H
H	amino acid	Cl	NH <sub>2</sub>
H	amino acid	Cl	NH-cyclopropyl
H	amino acid	Cl	NH-methyl
H	amino acid	Cl	NH-ethyl
H	amino acid	Cl	NH-acetyl
H	amino acid	Cl	OH
H	amino acid	Cl	OMe
H	amino acid	Cl	OEt
H	amino acid	Cl	O-cyclopropyl
H	amino acid	Cl	O-acetyl
H	amino acid	Cl	SH
H	amino acid	Cl	SMe
H	amino acid	Cl	SEt
H	amino acid	Cl	S-cyclopropyl
H	amino acid	Cl	F
H	amino acid	Cl	Cl
H	amino acid	Cl	Br
H	amino acid	Cl	I
amino acid	amino acid	Cl	H
amino acid	amino acid	Cl	NH <sub>2</sub>
amino acid	amino acid	Cl	NH-cyclopropyl
amino acid	amino acid	Cl	NH-methyl
amino acid	amino acid	Cl	NH-ethyl
amino acid	amino acid	Cl	NH-acetyl
amino acid	amino acid	Cl	OH
amino acid	amino acid	Cl	OMe
amino acid	amino acid	Cl	OEt
amino acid	amino acid	Cl	O-cyclopropyl
amino acid	amino acid	Cl	O-acetyl
amino acid	amino acid	Cl	SH
amino acid	amino acid	Cl	SMe
amino acid	amino acid	Cl	SEt
amino acid	amino acid	Cl	S-cyclopropyl
amino acid	amino acid	Cl	F
amino acid	amino acid	Cl	Cl
amino acid	amino acid	Cl	Br
amino acid	amino acid	Cl	I
amino acid	H	Cl	H
amino acid	H	Cl	NH <sub>2</sub>
amino acid	H	Cl	NH-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
amino acid	H	Cl	NH-methyl
amino acid	H	Cl	NH-ethyl
amino acid	H	Cl	NH-acetyl
amino acid	H	Cl	OH
amino acid	H	Cl	OMe
amino acid	H	Cl	OEt
amino acid	H	Cl	O-cyclopropyl
amino acid	H	Cl	O-acetyl
amino acid	H	Cl	SH
amino acid	H	Cl	SMe
amino acid	H	Cl	SEt
amino acid	H	Cl	S-cyclopropyl
amino acid	H	Cl	F
amino acid	H	Cl	Cl
amino acid	H	Cl	Br
amino acid	H	Cl	I
amino acid	acyl	Cl	H
amino acid	acyl	Cl	NH <sub>2</sub>
amino acid	acyl	Cl	NH-cyclopropyl
amino acid	acyl	Cl	NH-methyl
amino acid	acyl	Cl	NH-ethyl
amino acid	acyl	Cl	NH-acetyl
amino acid	acyl	Cl	OH
amino acid	acyl	Cl	OMe
amino acid	acyl	Cl	OEt
amino acid	acyl	Cl	O-cyclopropyl
amino acid	acyl	Cl	O-acetyl
amino acid	acyl	Cl	SH
amino acid	acyl	Cl	SMe
amino acid	acyl	Cl	SEt
amino acid	acyl	Cl	S-cyclopropyl
amino acid	acyl	Cl	F
amino acid	acyl	Cl	Cl
amino acid	acyl	Cl	Br
amino acid	acyl	Cl	I
acyl	H	Br	H
acyl	H	Br	NH <sub>2</sub>
acyl	H	Br	NH-cyclopropyl
acyl	H	Br	NH-methyl
acyl	H	Br	NH-ethyl
acyl	H	Br	NH-acetyl
acyl	H	Br	OH
acyl	H	Br	OMe
acyl	H	Br	OEt
acyl	H	Br	O-cyclopropyl
acyl	H	Br	O-acetyl
acyl	H	Br	SH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
acyl	H	Br	SMe
acyl	H	Br	SEt
acyl	H	Br	S-cyclopropyl
acyl	H	Br	F
acyl	H	Br	Cl
acyl	H	Br	Br
acyl	H	Br	I
acyl	acyl	Br	H
acyl	acyl	Br	NH <sub>2</sub>
acyl	acyl	Br	NH-cyclopropyl
acyl	acyl	Br	NH-methyl
acyl	acyl	Br	NH-ethyl
acyl	acyl	Br	NH-acetyl
acyl	acyl	Br	OH
acyl	acyl	Br	OMe
acyl	acyl	Br	OEt
acyl	acyl	Br	O-cyclopropyl
acyl	acyl	Br	O-acetyl
acyl	acyl	Br	SH
acyl	acyl	Br	SMe
acyl	acyl	Br	SEt
acyl	acyl	Br	S-cyclopropyl
acyl	acyl	Br	F
acyl	acyl	Br	Cl
acyl	acyl	Br	Br
acyl	acyl	Br	I
acyl	amino acid	Br	H
acyl	amino acid	Br	NH <sub>2</sub>
acyl	amino acid	Br	NH-cyclopropyl
acyl	amino acid	Br	NH-methyl
acyl	amino acid	Br	NH-ethyl
acyl	amino acid	Br	NH-acetyl
acyl	amino acid	Br	OH
acyl	amino acid	Br	OMe
acyl	amino acid	Br	OEt
acyl	amino acid	Br	O-cyclopropyl
acyl	amino acid	Br	O-acetyl
acyl	amino acid	Br	SH
acyl	amino acid	Br	SMe
acyl	amino acid	Br	SEt
acyl	amino acid	Br	S-cyclopropyl
acyl	amino acid	Br	F
acyl	amino acid	Br	Cl
acyl	amino acid	Br	Br
acyl	amino acid	Br	I
H	acyl	Br	H
H	acyl	Br	NH <sub>2</sub>

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
H	acyl	Br	NH-cyclopropyl
H	acyl	Br	NH-methyl
H	acyl	Br	NH-ethyl
H	acyl	Br	NH-acetyl
H	acyl	Br	OH
H	acyl	Br	OMe
H	acyl	Br	OEt
H	acyl	Br	O-cyclopropyl
H	acyl	Br	O-acetyl
H	acyl	Br	SH
H	acyl	Br	SMe
H	acyl	Br	SEt
H	acyl	Br	S-cyclopropyl
H	acyl	Br	F
H	acyl	Br	Cl
H	acyl	Br	Br
H	acyl	Br	I
H	amino acid	Br	H
H	amino acid	Br	NH <sub>2</sub>
H	amino acid	Br	NH-cyclopropyl
H	amino acid	Br	NH-methyl
H	amino acid	Br	NH-ethyl
H	amino acid	Br	NH-acetyl
H	amino acid	Br	OH
H	amino acid	Br	OMe
H	amino acid	Br	OEt
H	amino acid	Br	O-cyclopropyl
H	amino acid	Br	O-acetyl
H	amino acid	Br	SH
H	amino acid	Br	SMe
H	amino acid	Br	SEt
H	amino acid	Br	S-cyclopropyl
H	amino acid	Br	F
H	amino acid	Br	Cl
H	amino acid	Br	Br
H	amino acid	Br	I
amino acid	amino acid	Br	H
amino acid	amino acid	Br	NH <sub>2</sub>
amino acid	amino acid	Br	NH-cyclopropyl
amino acid	amino acid	Br	NH-methyl
amino acid	amino acid	Br	NH-ethyl
amino acid	amino acid	Br	NH-acetyl
amino acid	amino acid	Br	OH
amino acid	amino acid	Br	OMe
amino acid	amino acid	Br	OEt
amino acid	amino acid	Br	O-cyclopropyl
amino acid	amino acid	Br	O-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
amino acid	amino acid	Br	SH
amino acid	amino acid	Br	SMe
amino acid	amino acid	Br	SEt
amino acid	amino acid	Br	S-cyclopropyl
amino acid	amino acid	Br	F
amino acid	amino acid	Br	Cl
amino acid	amino acid	Br	Br
amino acid	amino acid	Br	I
amino acid	H	Br	H
amino acid	H	Br	NH <sub>2</sub>
amino acid	H	Br	NH-cyclopropyl
amino acid	H	Br	NH-methyl
amino acid	H	Br	NH-ethyl
amino acid	H	Br	NH-acetyl
amino acid	H	Br	OH
amino acid	H	Br	OMe
amino acid	H	Br	OEt
amino acid	H	Br	O-cyclopropyl
amino acid	H	Br	O-acetyl
amino acid	H	Br	SH
amino acid	H	Br	SMe
amino acid	H	Br	SEt
amino acid	H	Br	S-cyclopropyl
amino acid	H	Br	F
amino acid	H	Br	Cl
amino acid	H	Br	Br
amino acid	H	Br	I
amino acid	acyl	Br	H
amino acid	acyl	Br	NH <sub>2</sub>
amino acid	acyl	Br	NH-cyclopropyl
amino acid	acyl	Br	NH-methyl
amino acid	acyl	Br	NH-ethyl
amino acid	acyl	Br	NH-acetyl
amino acid	acyl	Br	OH
amino acid	acyl	Br	OMe
amino acid	acyl	Br	OEt
amino acid	acyl	Br	O-cyclopropyl
amino acid	acyl	Br	O-acetyl
amino acid	acyl	Br	SH
amino acid	acyl	Br	SMe
amino acid	acyl	Br	SEt
amino acid	acyl	Br	S-cyclopropyl
amino acid	acyl	Br	F
amino acid	acyl	Br	Cl
amino acid	acyl	Br	Br
amino acid	acyl	Br	I
acyl	H	NH <sub>2</sub>	H

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
acyl	H	NH <sub>2</sub>	NH <sub>2</sub>
acyl	H	NH <sub>2</sub>	NH-cyclopropyl
acyl	H	NH <sub>2</sub>	NH-methyl
acyl	H	NH <sub>2</sub>	NH-ethyl
acyl	H	NH <sub>2</sub>	NH-acetyl
acyl	H	NH <sub>2</sub>	OH
acyl	H	NH <sub>2</sub>	OMe
acyl	H	NH <sub>2</sub>	OEt
acyl	H	NH <sub>2</sub>	O-cyclopropyl
acyl	H	NH <sub>2</sub>	O-acetyl
acyl	H	NH <sub>2</sub>	SH
acyl	H	NH <sub>2</sub>	SMe
acyl	H	NH <sub>2</sub>	SEt
acyl	H	NH <sub>2</sub>	S-cyclopropyl
acyl	H	NH <sub>2</sub>	F
acyl	H	NH <sub>2</sub>	Cl
acyl	H	NH <sub>2</sub>	Br
acyl	H	NH <sub>2</sub>	I
acyl	acyl	NH <sub>2</sub>	H
acyl	acyl	NH <sub>2</sub>	NH <sub>2</sub>
acyl	acyl	NH <sub>2</sub>	NH-cyclopropyl
acyl	acyl	NH <sub>2</sub>	NH-methyl
acyl	acyl	NH <sub>2</sub>	NH-ethyl
acyl	acyl	NH <sub>2</sub>	NH-acetyl
acyl	acyl	NH <sub>2</sub>	OH
acyl	acyl	NH <sub>2</sub>	OMe
acyl	acyl	NH <sub>2</sub>	OEt
acyl	acyl	NH <sub>2</sub>	O-cyclopropyl
acyl	acyl	NH <sub>2</sub>	O-acetyl
acyl	acyl	NH <sub>2</sub>	SH
acyl	acyl	NH <sub>2</sub>	SMe
acyl	acyl	NH <sub>2</sub>	SEt
acyl	acyl	NH <sub>2</sub>	S-cyclopropyl
acyl	acyl	NH <sub>2</sub>	F
acyl	acyl	NH <sub>2</sub>	Cl
acyl	acyl	NH <sub>2</sub>	Br
acyl	acyl	NH <sub>2</sub>	I
acyl	amino acid	NH <sub>2</sub>	H
acyl	amino acid	NH <sub>2</sub>	NH <sub>2</sub>
acyl	amino acid	NH <sub>2</sub>	NH-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	NH-methyl
acyl	amino acid	NH <sub>2</sub>	NH-ethyl
acyl	amino acid	NH <sub>2</sub>	NH-acetyl
acyl	amino acid	NH <sub>2</sub>	OH
acyl	amino acid	NH <sub>2</sub>	OMe
acyl	amino acid	NH <sub>2</sub>	OEt
acyl	amino acid	NH <sub>2</sub>	O-cyclopropyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
acyl	amino acid	NH <sub>2</sub>	O-acetyl
acyl	amino acid	NH <sub>2</sub>	SH
acyl	amino acid	NH <sub>2</sub>	SMe
acyl	amino acid	NH <sub>2</sub>	SEt
acyl	amino acid	NH <sub>2</sub>	S-cyclopropyl
acyl	amino acid	NH <sub>2</sub>	F
acyl	amino acid	NH <sub>2</sub>	Cl
acyl	amino acid	NH <sub>2</sub>	Br
acyl	amino acid	NH <sub>2</sub>	I
H	acyl	NH <sub>2</sub>	H
H	acyl	NH <sub>2</sub>	NH <sub>2</sub>
H	acyl	NH <sub>2</sub>	NH-cyclopropyl
H	acyl	NH <sub>2</sub>	NH-methyl
H	acyl	NH <sub>2</sub>	NH-ethyl
H	acyl	NH <sub>2</sub>	NH-acetyl
H	acyl	NH <sub>2</sub>	OH
H	acyl	NH <sub>2</sub>	OMe
H	acyl	NH <sub>2</sub>	OEt
H	acyl	NH <sub>2</sub>	O-cyclopropyl
H	acyl	NH <sub>2</sub>	O-acetyl
H	acyl	NH <sub>2</sub>	SH
H	acyl	NH <sub>2</sub>	SMe
H	acyl	NH <sub>2</sub>	SEt
H	acyl	NH <sub>2</sub>	S-cyclopropyl
H	acyl	NH <sub>2</sub>	F
H	acyl	NH <sub>2</sub>	Cl
H	acyl	NH <sub>2</sub>	Br
H	acyl	NH <sub>2</sub>	I
H	amino acid	NH <sub>2</sub>	H
H	amino acid	NH <sub>2</sub>	NH <sub>2</sub>
H	amino acid	NH <sub>2</sub>	NH-cyclopropyl
H	amino acid	NH <sub>2</sub>	NH-methyl
H	amino acid	NH <sub>2</sub>	NH-ethyl
H	amino acid	NH <sub>2</sub>	NH-acetyl
H	amino acid	NH <sub>2</sub>	OH
H	amino acid	NH <sub>2</sub>	OMe
H	amino acid	NH <sub>2</sub>	OEt
H	amino acid	NH <sub>2</sub>	O-cyclopropyl
H	amino acid	NH <sub>2</sub>	O-acetyl
H	amino acid	NH <sub>2</sub>	SH
H	amino acid	NH <sub>2</sub>	SMe
H	amino acid	NH <sub>2</sub>	SEt
H	amino acid	NH <sub>2</sub>	S-cyclopropyl
H	amino acid	NH <sub>2</sub>	F
H	amino acid	NH <sub>2</sub>	Cl
H	amino acid	NH <sub>2</sub>	Br
H	amino acid	NH <sub>2</sub>	I



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
amino acid	amino acid	NH <sub>2</sub>	H
amino acid	amino acid	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	amino acid	NH <sub>2</sub>	NH-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	NH-methyl
amino acid	amino acid	NH <sub>2</sub>	NH-ethyl
amino acid	amino acid	NH <sub>2</sub>	NH-acetyl
amino acid	amino acid	NH <sub>2</sub>	OH
amino acid	amino acid	NH <sub>2</sub>	OMe
amino acid	amino acid	NH <sub>2</sub>	OEt
amino acid	amino acid	NH <sub>2</sub>	O-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	O-acetyl
amino acid	amino acid	NH <sub>2</sub>	SH
amino acid	amino acid	NH <sub>2</sub>	SMe
amino acid	amino acid	NH <sub>2</sub>	SEt
amino acid	amino acid	NH <sub>2</sub>	S-cyclopropyl
amino acid	amino acid	NH <sub>2</sub>	F
amino acid	amino acid	NH <sub>2</sub>	Cl
amino acid	amino acid	NH <sub>2</sub>	Br
amino acid	amino acid	NH <sub>2</sub>	I
amino acid	H	NH <sub>2</sub>	H
amino acid	H	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	H	NH <sub>2</sub>	NH-cyclopropyl
amino acid	H	NH <sub>2</sub>	NH-methyl
amino acid	H	NH <sub>2</sub>	NH-ethyl
amino acid	H	NH <sub>2</sub>	NH-acetyl
amino acid	H	NH <sub>2</sub>	OH
amino acid	H	NH <sub>2</sub>	OMe
amino acid	H	NH <sub>2</sub>	OEt
amino acid	H	NH <sub>2</sub>	O-cyclopropyl
amino acid	H	NH <sub>2</sub>	O-acetyl
amino acid	H	NH <sub>2</sub>	SH
amino acid	H	NH <sub>2</sub>	SMe
amino acid	H	NH <sub>2</sub>	SEt
amino acid	H	NH <sub>2</sub>	S-cyclopropyl
amino acid	H	NH <sub>2</sub>	F
amino acid	H	NH <sub>2</sub>	Cl
amino acid	H	NH <sub>2</sub>	Br
amino acid	H	NH <sub>2</sub>	I
amino acid	acyl	NH <sub>2</sub>	H
amino acid	acyl	NH <sub>2</sub>	NH <sub>2</sub>
amino acid	acyl	NH <sub>2</sub>	NH-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	NH-methyl
amino acid	acyl	NH <sub>2</sub>	NH-ethyl
amino acid	acyl	NH <sub>2</sub>	NH-acetyl
amino acid	acyl	NH <sub>2</sub>	OH
amino acid	acyl	NH <sub>2</sub>	OMe
amino acid	acyl	NH <sub>2</sub>	OEt

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
amino acid	acyl	NH <sub>2</sub>	O-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	O-acetyl
amino acid	acyl	NH <sub>2</sub>	SH
amino acid	acyl	NH <sub>2</sub>	SMe
amino acid	acyl	NH <sub>2</sub>	SEt
amino acid	acyl	NH <sub>2</sub>	S-cyclopropyl
amino acid	acyl	NH <sub>2</sub>	F
amino acid	acyl	NH <sub>2</sub>	Cl
amino acid	acyl	NH <sub>2</sub>	Br
amino acid	acyl	NH <sub>2</sub>	I
acyl	H	OH	H
acyl	H	OH	NH <sub>2</sub>
acyl	H	OH	NH-cyclopropyl
acyl	H	OH	NH-methyl
acyl	H	OH	NH-ethyl
acyl	H	OH	NH-acetyl
acyl	H	OH	OH
acyl	H	OH	OMe
acyl	H	OH	OEt
acyl	H	OH	O-cyclopropyl
acyl	H	OH	O-acetyl
acyl	H	OH	SH
acyl	H	OH	SMe
acyl	H	OH	SEt
acyl	H	OH	S-cyclopropyl
acyl	H	OH	F
acyl	H	OH	Cl
acyl	H	OH	Br
acyl	H	OH	I
acyl	acyl	OH	H
acyl	acyl	OH	NH <sub>2</sub>
acyl	acyl	OH	NH-cyclopropyl
acyl	acyl	OH	NH-methyl
acyl	acyl	OH	NH-ethyl
acyl	acyl	OH	NH-acetyl
acyl	acyl	OH	OH
acyl	acyl	OH	OMe
acyl	acyl	OH	OEt
acyl	acyl	OH	O-cyclopropyl
acyl	acyl	OH	O-acetyl
acyl	acyl	OH	SH
acyl	acyl	OH	SMe
acyl	acyl	OH	SEt
acyl	acyl	OH	S-cyclopropyl
acyl	acyl	OH	F
acyl	acyl	OH	Cl
acyl	acyl	OH	Br

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
acyl	acyl	OH	I
acyl	amino acid	OH	H
acyl	amino acid	OH	NH <sub>2</sub>
acyl	amino acid	OH	NH-cyclopropyl
acyl	amino acid	OH	NH-methyl
acyl	amino acid	OH	NH-ethyl
acyl	amino acid	OH	NH-acetyl
acyl	amino acid	OH	OH
acyl	amino acid	OH	OMe
acyl	amino acid	OH	OEt
acyl	amino acid	OH	O-cyclopropyl
acyl	amino acid	OH	O-acetyl
acyl	amino acid	OH	SH
acyl	amino acid	OH	SMe
acyl	amino acid	OH	SEt
acyl	amino acid	OH	S-cyclopropyl
acyl	amino acid	OH	F
acyl	amino acid	OH	Cl
acyl	amino acid	OH	Br
acyl	amino acid	OH	I
H	acyl	OH	H
H	acyl	OH	NH <sub>2</sub>
H	acyl	OH	NH-cyclopropyl
H	acyl	OH	NH-methyl
H	acyl	OH	NH-ethyl
H	acyl	OH	NH-acetyl
H	acyl	OH	OH
H	acyl	OH	OMe
H	acyl	OH	OEt
H	acyl	OH	O-cyclopropyl
H	acyl	OH	O-acetyl
H	acyl	OH	SH
H	acyl	OH	SMe
H	acyl	OH	SEt
H	acyl	OH	S-cyclopropyl
H	acyl	OH	F
H	acyl	OH	Cl
H	acyl	OH	Br
H	acyl	OH	I
H	amino acid	OH	H
H	amino acid	OH	NH <sub>2</sub>
H	amino acid	OH	NH-cyclopropyl
H	amino acid	OH	NH-methyl
H	amino acid	OH	NH-ethyl
H	amino acid	OH	NH-acetyl
H	amino acid	OH	OH
H	amino acid	OH	OMe

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
H	amino acid	OH	OEt
H	amino acid	OH	O-cyclopropyl
H	amino acid	OH	O-acetyl
H	amino acid	OH	SH
H	amino acid	OH	SMe
H	amino acid	OH	SEt
H	amino acid	OH	S-cyclopropyl
H	amino acid	OH	F
H	amino acid	OH	Cl
H	amino acid	OH	Br
H	amino acid	OH	I
amino acid	amino acid	OH	H
amino acid	amino acid	OH	NH <sub>2</sub>
amino acid	amino acid	OH	NH-cyclopropyl
amino acid	amino acid	OH	NH-methyl
amino acid	amino acid	OH	NH-ethyl
amino acid	amino acid	OH	NH-acetyl
amino acid	amino acid	OH	OH
amino acid	amino acid	OH	OMe
amino acid	amino acid	OH	OEt
amino acid	amino acid	OH	O-cyclopropyl
amino acid	amino acid	OH	O-acetyl
amino acid	amino acid	OH	SH
amino acid	amino acid	OH	SMe
amino acid	amino acid	OH	SEt
amino acid	amino acid	OH	S-cyclopropyl
amino acid	amino acid	OH	F
amino acid	amino acid	OH	Cl
amino acid	amino acid	OH	Br
amino acid	amino acid	OH	I
amino acid	H	OH	H
amino acid	H	OH	NH <sub>2</sub>
amino acid	H	OH	NH-cyclopropyl
amino acid	H	OH	NH-methyl
amino acid	H	OH	NH-ethyl
amino acid	H	OH	NH-acetyl
amino acid	H	OH	OH
amino acid	H	OH	OMe
amino acid	H	OH	OEt
amino acid	H	OH	O-cyclopropyl
amino acid	H	OH	O-acetyl
amino acid	H	OH	SH
amino acid	H	OH	SMe
amino acid	H	OH	SEt
amino acid	H	OH	S-cyclopropyl
amino acid	H	OH	F
amino acid	H	OH	Cl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
amino acid	H	OH	Br
amino acid	H	OH	I
amino acid	acyl	OH	H
amino acid	acyl	OH	NH <sub>2</sub>
amino acid	acyl	OH	NH-cyclopropyl
amino acid	acyl	OH	NH-methyl
amino acid	acyl	OH	NH-ethyl
amino acid	acyl	OH	NH-acetyl
amino acid	acyl	OH	OH
amino acid	acyl	OH	OMe
amino acid	acyl	OH	OEt
amino acid	acyl	OH	O-cyclopropyl
amino acid	acyl	OH	O-acetyl
amino acid	acyl	OH	SH
amino acid	acyl	OH	SMe
amino acid	acyl	OH	SEt
amino acid	acyl	OH	S-cyclopropyl
amino acid	acyl	OH	F
amino acid	acyl	OH	Cl
amino acid	acyl	OH	Br
amino acid	acyl	OH	I
acyl	H	F	H
acyl	H	F	NH <sub>2</sub>
acyl	H	F	NH-cyclopropyl
acyl	H	F	NH-methyl
acyl	H	F	NH-ethyl
acyl	H	F	NH-acetyl
acyl	H	F	OH
acyl	H	F	OMe
acyl	H	F	OEt
acyl	H	F	O-cyclopropyl
acyl	H	F	O-acetyl
acyl	H	F	SH
acyl	H	F	SMe
acyl	H	F	SEt
acyl	H	F	S-cyclopropyl
acyl	H	F	F
acyl	H	F	Cl
acyl	H	F	Br
acyl	H	F	I
acyl	acyl	F	H
acyl	acyl	F	NH <sub>2</sub>
acyl	acyl	F	NH-cyclopropyl
acyl	acyl	F	NH-methyl
acyl	acyl	F	NH-ethyl
acyl	acyl	F	NH-acetyl
acyl	acyl	F	OH

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
acyl	acyl	F	OMe
acyl	acyl	F	OEt
acyl	acyl	F	O-cyclopropyl
acyl	acyl	F	O-acetyl
acyl	acyl	F	SH
acyl	acyl	F	SMe
acyl	acyl	F	SEt
acyl	acyl	F	S-cyclopropyl
acyl	acyl	F	F
acyl	acyl	F	Cl
acyl	acyl	F	Br
acyl	acyl	F	I
acyl	amino acid	F	H
acyl	amino acid	F	NH <sub>2</sub>
acyl	amino acid	F	NH-cyclopropyl
acyl	amino acid	F	NH-methyl
acyl	amino acid	F	NH-ethyl
acyl	amino acid	F	NH-acetyl
acyl	amino acid	F	OH
acyl	amino acid	F	OMe
acyl	amino acid	F	OEt
acyl	amino acid	F	O-cyclopropyl
acyl	amino acid	F	O-acetyl
acyl	amino acid	F	SH
acyl	amino acid	F	SMe
acyl	amino acid	F	SEt
acyl	amino acid	F	S-cyclopropyl
acyl	amino acid	F	F
acyl	amino acid	F	Cl
acyl	amino acid	F	Br
acyl	amino acid	F	I
H	acyl	F	H
H	acyl	F	NH <sub>2</sub>
H	acyl	F	NH-cyclopropyl
H	acyl	F	NH-methyl
H	acyl	F	NH-ethyl
H	acyl	F	NH-acetyl
H	acyl	F	OH
H	acyl	F	OMe
H	acyl	F	OEt
H	acyl	F	O-cyclopropyl
H	acyl	F	O-acetyl
H	acyl	F	SH
H	acyl	F	SMe
H	acyl	F	SEt
H	acyl	F	S-cyclopropyl
H	acyl	F	F

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
H	acyl	F	Cl
H	acyl	F	Br
H	acyl	F	I
H	amino acid	F	H
H	amino acid	F	NH <sub>2</sub>
H	amino acid	F	NH-cyclopropyl
H	amino acid	F	NH-methyl
H	amino acid	F	NH-ethyl
H	amino acid	F	NH-acetyl
H	amino acid	F	OH
H	amino acid	F	OMe
H	amino acid	F	OEt
H	amino acid	F	O-cyclopropyl
H	amino acid	F	O-acetyl
H	amino acid	F	SH
H	amino acid	F	SMe
H	amino acid	F	SEt
H	amino acid	F	S-cyclopropyl
H	amino acid	F	F
H	amino acid	F	Cl
H	amino acid	F	Br
H	amino acid	F	I
amino acid	amino acid	F	H
amino acid	amino acid	F	NH <sub>2</sub>
amino acid	amino acid	F	NH-cyclopropyl
amino acid	amino acid	F	NH-methyl
amino acid	amino acid	F	NH-ethyl
amino acid	amino acid	F	NH-acetyl
amino acid	amino acid	F	OH
amino acid	amino acid	F	OMe
amino acid	amino acid	F	OEt
amino acid	amino acid	F	O-cyclopropyl
amino acid	amino acid	F	O-acetyl
amino acid	amino acid	F	SH
amino acid	amino acid	F	SMe
amino acid	amino acid	F	SEt
amino acid	amino acid	F	S-cyclopropyl
amino acid	amino acid	F	F
amino acid	amino acid	F	Cl
amino acid	amino acid	F	Br
amino acid	amino acid	F	I
amino acid	H	F	H
amino acid	H	F	NH <sub>2</sub>
amino acid	H	F	NH-cyclopropyl
amino acid	H	F	NH-methyl
amino acid	H	F	NH-ethyl
amino acid	H	F	NH-acetyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
amino acid	H	F	OH
amino acid	H	F	OMe
amino acid	H	F	OEt
amino acid	H	F	O-cyclopropyl
amino acid	H	F	O-acetyl
amino acid	H	F	SH
amino acid	H	F	SMe
amino acid	H	F	SEt
amino acid	H	F	S-cyclopropyl
amino acid	H	F	F
amino acid	H	F	Cl
amino acid	H	F	Br
amino acid	H	F	I
amino acid	acyl	F	H
amino acid	acyl	F	NH <sub>2</sub>
amino acid	acyl	F	NH-cyclopropyl
amino acid	acyl	F	NH-methyl
amino acid	acyl	F	NH-ethyl
amino acid	acyl	F	NH-acetyl
amino acid	acyl	F	OH
amino acid	acyl	F	OMe
amino acid	acyl	F	OEt
amino acid	acyl	F	O-cyclopropyl
amino acid	acyl	F	O-acetyl
amino acid	acyl	F	SH
amino acid	acyl	F	SMe
amino acid	acyl	F	SEt
amino acid	acyl	F	S-cyclopropyl
amino acid	acyl	F	F
amino acid	acyl	F	Cl
amino acid	acyl	F	Br
amino acid	acyl	F	I
acyl	H	I	H
acyl	H	I	NH <sub>2</sub>
acyl	H	I	NH-cyclopropyl
acyl	H	I	NH-methyl
acyl	H	I	NH-ethyl
acyl	H	I	NH-acetyl
acyl	H	I	OH
acyl	H	I	OMe
acyl	H	I	OEt
acyl	H	I	O-cyclopropyl
acyl	H	I	O-acetyl
acyl	H	I	SH
acyl	H	I	SMe
acyl	H	I	SEt
acyl	H	I	S-cyclopropyl



R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
acyl	H	I	F
acyl	H	I	Cl
acyl	H	I	Br
acyl	H	I	I
acyl	acyl	I	H
acyl	acyl	I	NH <sub>2</sub>
acyl	acyl	I	NH-cyclopropyl
acyl	acyl	I	NH-methyl
acyl	acyl	I	NH-ethyl
acyl	acyl	I	NH-acetyl
acyl	acyl	I	OH
acyl	acyl	I	OMe
acyl	acyl	I	OEt
acyl	acyl	I	O-cyclopropyl
acyl	acyl	I	O-acetyl
acyl	acyl	I	SH
acyl	acyl	I	SMe
acyl	acyl	I	SEt
acyl	acyl	I	S-cyclopropyl
acyl	acyl	I	F
acyl	acyl	I	Cl
acyl	acyl	I	Br
acyl	acyl	I	I
acyl	amino acid	I	H
acyl	amino acid	I	NH <sub>2</sub>
acyl	amino acid	I	NH-cyclopropyl
acyl	amino acid	I	NH-methyl
acyl	amino acid	I	NH-ethyl
acyl	amino acid	I	NH-acetyl
acyl	amino acid	I	OH
acyl	amino acid	I	OMe
acyl	amino acid	I	OEt
acyl	amino acid	I	O-cyclopropyl
acyl	amino acid	I	O-acetyl
acyl	amino acid	I	SH
acyl	amino acid	I	SMe
acyl	amino acid	I	SEt
acyl	amino acid	I	S-cyclopropyl
acyl	amino acid	I	F
acyl	amino acid	I	Cl
acyl	amino acid	I	Br
acyl	amino acid	I	I
H	acyl	I	H
H	acyl	I	NH <sub>2</sub>
H	acyl	I	NH-cyclopropyl
H	acyl	I	NH-methyl
H	acyl	I	NH-ethyl

R <sup>2</sup>	R <sup>3</sup>	X <sup>1</sup>	Y
H	acyl	I	NH-acetyl
H	acyl	I	OH
H	acyl	I	OMe
H	acyl	I	OEt
H	acyl	I	O-cyclopropyl
H	acyl	I	O-acetyl
H	acyl	I	SH
H	acyl	I	SMe
H	acyl	I	SEt
H	acyl	I	S-cyclopropyl
H	acyl	I	F
H	acyl	I	Cl
H	acyl	I	Br
H	acyl	I	I
H	amino acid	I	H
H	amino acid	I	NH <sub>2</sub>
H	amino acid	I	NH-cyclopropyl
H	amino acid	I	NH-methyl
H	amino acid	I	NH-ethyl
H	amino acid	I	NH-acetyl
H	amino acid	I	OH
H	amino acid	I	OMe
H	amino acid	I	OEt
H	amino acid	I	O-cyclopropyl
H	amino acid	I	O-acetyl
H	amino acid	I	SH
H	amino acid	I	SMe
H	amino acid	I	SEt
H	amino acid	I	S-cyclopropyl
H	amino acid	I	F
H	amino acid	I	Cl
H	amino acid	I	Br
H	amino acid	I	I
amino acid	amino acid	I	H
amino acid	amino acid	I	NH <sub>2</sub>
amino acid	amino acid	I	NH-cyclopropyl
amino acid	amino acid	I	NH-methyl
amino acid	amino acid	I	NH-ethyl
amino acid	amino acid	I	NH-acetyl
amino acid	amino acid	I	OH
amino acid	amino acid	I	OMe
amino acid	amino acid	I	OEt
amino acid	amino acid	I	O-cyclopropyl
amino acid	amino acid	I	O-acetyl
amino acid	amino acid	I	SH
amino acid	amino acid	I	SMe
amino acid	amino acid	I	SEt